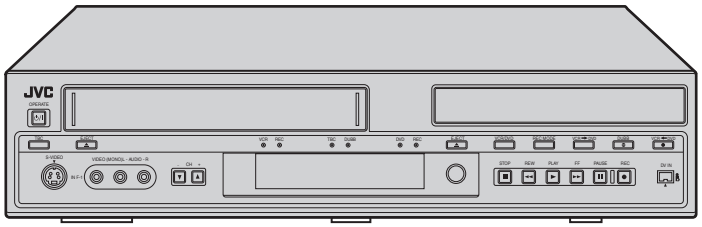
JVC

SERVICE MANUAL

DVD VIDEO RECORDER & VIDEO CASSETTE RECORDER

SR-MV50US2



SR-MV50US2 [D3RS29]

This model is a model to whom the DVD drive unit and some parts are changed based on SR-MV50US.
Please see page 2 about details and the distinction method.
For details other than those described in this manual, please refer to the SR-MV50US service manual (Issue No.YD045 2005/1).

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2 SPECIFIC SERVICE INSTRUCTIONS 1-3
3 DISASSEMBLY 1-3
4 ADJUSTMENT 1-3
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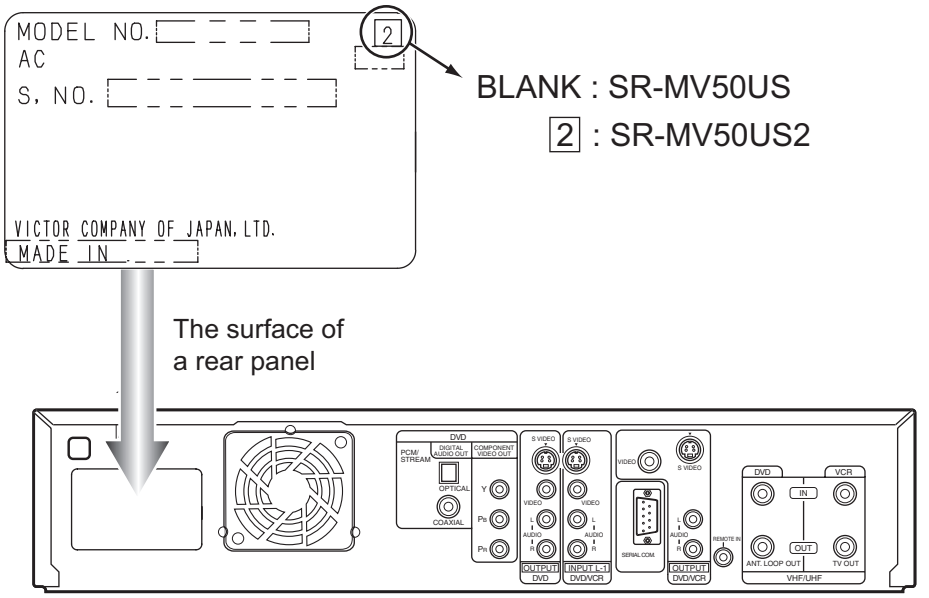
No.YD045B
2006/2

About this service manual

This model is a model to whom the DVD drive unit and some parts are changed based on SR-MV50US.
Since the way of recognizing is explained below, in the case of SR-MV50US2, please use this manual.
In the case of SR-MV50US, please refer to another service manual (No.YD045 2005/1).

HOW TO IDENTIFY MODELS

How to recognize from the appearance of the model concerned is written below.
Please distinguish from several contents currently printed on the rating label of the rear panel.



Difference parts list

The following table indicates different parts number between models SR-MV50US and SR-MV50US2.

■ **General assembly** **P3-4 Block No.M1MM**

⚠	Symbol	Part No.		Part name	Description
		SR-MV50US	SR-MV50US2		
	508	LP21348-002B	LP21348-001B	FITTING(DVD)	
⚠	509	QAL0651-001	QAL0704-002	DRIVE UNIT	
	536	QGZ0021A1-40	QGZ0025A1-40	CONNECTOR	(1-40)
	550	LP41217-001A	---------	GASKET	
	551	LP41218-001A	---------	GASKET	(x2)
	WR6	QUQ105-4020AF	QUQL05-4020AF-E	FFC WIRE	DRIVE UNIT-DIGITAL CN2201

■ **Electrical parts list (Digital board)** **P3-9, 3-12 Block No.02**

⚠	Symbol	Part No.		Part name	Description
		SR-MV50US	SR-MV50US2		
	PW1	LPA10236-21C	LPA10236-25B	DIGITAL BOARD ASSY	
	IC1201	LPN0953-001A	LPN0953-004A	IC(FLASH)	(SERVICE)
	CN2201	QGF0539C1-40W	QGF0508C2-40W	CONNECTOR	FFC/FPC(1-40)

SECTION 1
PRECAUTION

Please refer to "SR-MV50US (issue number : YD045)" about this section.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

Please refer to "SR-MV50US (issue number : YD045)" about this section.

SECTION 3
DISASSEMBLY

Please refer to "SR-MV50US (issue number : YD045)" about this section.

SECTION 4
ADJUSTMENT

Please refer to "SR-MV50US (issue number : YD045)" about this section.

SECTION 5
TROUBLESHOOTING

Please refer to "SR-MV50US (issue number : YD045)" about this section.

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(No.YD045B)

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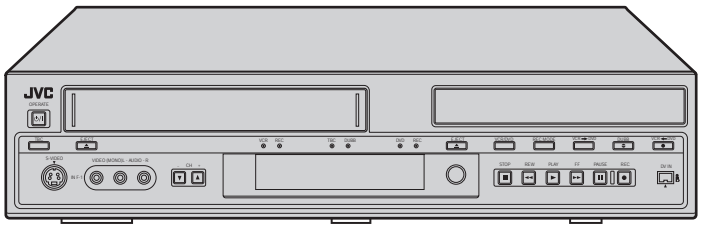
SERVICE MANUAL

DVD VIDEO RECORDER & VIDEO CASSETTE RECORDER

SR-MV50US



SR-MV50US [D3RS29]

For disassembling and assembling of MECHANISM ASSEMBLY, refer to the SERVICE MANUAL No.86700(MECHANISM ASSEMBLY).
Regarding service information other than these sections, refer to the service manual No. YD006 (DR-MV1SUS).
Also, be sure to note important safety precautions provided in the service manual.

TABLE OF CONTENTS

1 **PRECAUTION** 1-3
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4 **ADJUSTMENT** 1-4
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No.YD045
2005/1

SPECIFICATION

GENERAL	
Power requirement	AC 120 V, 60 Hz
Power consumption	
Power on	55 W
Power off	13.7 W
Temperature	
Operating	5°C to 35°C (41°F to 95°F)
Storage	-20°C to 60°C (-4°F to140°F)
Operating position	Horizontal only
Dimensions (W × H × D)	435 mm × 96 mm × 343 mm (17-3/16" × 3-13/16" × 13-1/2")
Weight	6.2 kg (13.7 lbs)
Input/Output	
S-video input	Y: 0.8 - 1.2 Vp-p, 75 Ω, C: 0.2 - 0.4 Vp-p, 75 Ω
S-video output	Y: 1.0 Vp-p, 75 Ω, C: 0.3 Vp-p, 75 Ω
Video input	0.5 - 2.0 Vp-p, 75 Ω (pin jack)
Video output	1.0 Vp-p, 75 Ω (pin jack × 1, BNC × 1)
Audio input	-8 dB, 50 kΩ (pin jack), Corresponding to mono (left)
Audio output	-8 dB, 1 kΩ (pin jack)
i.Link	4-pin for DV input
Component video output	Y: 1.0 Vp-p, 75 Ω, CB/CR, PB/PR: 0.7 Vp-p, 75 Ω Corresponding to copy protection
Remote Input	Ø3.5 mm
Serial Command	D-SUB 9-PIN
Digital audio output	Optical: -18 dBm, 660 nm, Coaxial: 0.7 Vp-p, 75 Ω, Corresponding to Dolby Digital and DTS Digital Surround Bit stream Selectable in digital audio output setting menu
VIDEO/AUDIO (DVD deck)	
Recording format	DVD-RAM: DVD Video Recording format DVD-R: DVD-Video format DVD-RW: DVD-Video format, DVD Video Recording format
Recording time	Maximum 8 hours (with 4.7 GB disc) (XP): Approx. 1 hour, (SP): Approx. 2 hours, (LP): Approx. 4 hours (EP): Approx. 6 hours, (FR): Approx. 1 hour - 8 hours
Audio recording system	Dolby Digital (2 ch), Linear PCM (XP mode only)
Video recording compression system	MPEG2 (CBR/VBR)
VIDEO/AUDIO (VCR Deck)	
Signal system	NTSC color signal and EIA monochrome signal, 525 lines/60 fields
Recording system	DA4 (Double Azimuth) head helical scan system
Format	S-VHS/VHS NTSC standard
Maximum recording time	
(SP)	210 min. with ST-210 video cassette
(EP)	630 min. with ST-210 video cassette
Signal-to-noise ratio	45 dB
Horizontal resolution	230 lines(VHS) / 400 lines(S-VHS)
Frequency range	70 Hz to 10,000 Hz (Normal audio) 20 Hz to 20,000 Hz (Hi-Fi audio)
TUNER/TIMER	
Tuning system	Frequency synthesized tuner
Channel coverage	VHF: Channels 2 - 13, UHF: Channels 14 - 69,CATV: 113 Channels
RF output	Channel 3 or 4 (switchable; preset to Channel 3 when shipped) 75 Ω, unbalanced
Memory backup time	Approx. 5 seconds
ACCESSORIES	
Provided accessories	RF cable, Audio cable, S-video cable, Infrared remote control unit, "AA" battery × 2

- Specifications shown are for SP mode unless otherwise specified.
- E.& O.E. Design and specifications subject to change without notice.
- VCR Plus+ and PlusCode are registered trademarks of Gemstar Development Corporation.
- The VCR Plus+ system is manufactured under license from Gemstar Development Corporation.
- DSS™ is an official trademark of DIRECTV, Inc., a unit of GM Hughes Electronics. DISH Network™ is a trademark of Echostar Communications Corporation.
- Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.
- "DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.
- i.LINK (i.Link) refers to the IEEE1394-1995 industry specification and extensions thereof. The i.LINK logo is used for products compliant with the i.Link standard.

SECTION 1
PRECAUTION

Please refer to "DR-MV1SUS No.YD006" about this section.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

Please refer to "DR-MV1SUS No.YD006" about this section except a written item.

2.1 DIFFERENT TABLE OF FEATURE

The following table indicates main different points between models DR-MV1SUS and SR-MV50US.

MODEL NAME	DR-MV1SUS	SR-MV50US
BODY COLOR	PURE SILVER	GRAY
FRONT DOOR	USED	NOT USED
ILLUMINATION COLOR	USED(BLUE)	NOT USED
VIDEO SYSTEM	VHS	S-VHS
S-VHS ET	NOT USED	USED
SQPB	USED	NOT USED
TIME BASE CORRECTOR	NOT USED	USED
3R PICTURE(DIGITAL or ANALOG)	NOT USED	USED
3D DIGITAL Y/C SEPARATION	NOT USED	USED
2MB FRAME MEMORY	NOT USED	USED
CABLE BOX CONTROLLER	USED(OPTION)	NOT USED
FRONT A/V INPUT CONNECTORS	SILVER CONNECTORS	GOLD CONNECTORS
VIDEO OUTPUT CONNECTOR	PIN JACK TYPE	BNC TYPE
REMOTE IN CONNECOTR	NOT USED	USED
SERIAL COMMAND CONNECTOR	NOT USED	USED (RS-232C)
VCR PLUS+ (DVD SIDE)	VCR PLUS+C3	VCR PLUS+
LAST FUNCTION MEMORY	NOT USED	USED
MODE LOCK	NOT USED	USED

SECTION 3
DISASSEMBLY

Please refer to "DR-MV1SUS No.YD006" about this section.

SECTION 4
ADJUSTMENT

Please refer to "DR-MV1SUS No.YD006" about this section except a written item.

4.1 Electrical adjustment (VHS SECTION)

Note:

The following adjustment procedures are not only necessary after replacement of consumable mechanical parts or board assemblies, but are also provided as references to be referred to when servicing the electrical circuitry.

In case of trouble with the electrical circuitry, always begin a service by identifying the defective points by using the measuring instruments as described in the following electrical adjustment procedures. After this, proceed to the repair, replacement and/or adjustment. If the required measuring instruments are not available in the field, do not change the adjustment parts (variable resistor, etc.) carelessly.

4.1.1 Servo circuit

4.1.1.1 Switching point

Signal	(A1) (A2)	• Stairstep signal • Alignment tape(EP,stairstep,NTSC) [MHP-L]
Mode	(B)	• PB
Equipment	(C)	• Oscilloscope
Measuring point	(D)	• VIDEO OUT terminal (75 Ω terminated) • TP106 (PB. FM)
External trigger	(E)	• TP111 (D.FF)
Adjustment part	(F)	• Jig RCU: Code “43-51”or “43-52”
Specified value	(G)	• 8.0 ± 0.5H
Adjustment tool	(H)	• Jig RCU [PTU94023B]

(1) Play back the signal (A1) of the alignment tape (A2).
(2) Apply the external trigger signal to D.FF (E) to observe the VIDEO OUT waveform and V.PB FM waveform at the measuring points (D1) and (D2).
(3) Set the VCR to the manual tracking mode.
(4) Adjust tracking so that the V.PB FM waveform becomes maximum.
(5) Transmit the code (F) from the Jig RCU to adjust so that the trigger point of the VIDEO OUT wavefome is changed from the trailing edge of the V.sync signal becomes the specified value (G).
(6) Set the VCR to the stop mode.

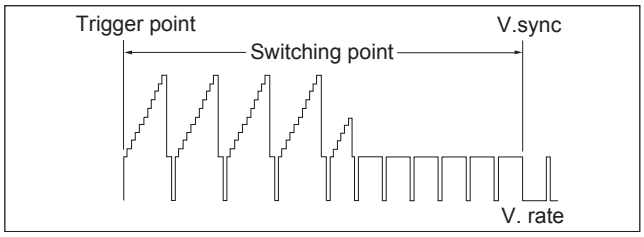

Fig.4-1a Switching point

4.1.2 Video circuit

4.1.2.1 EE Y/PB Y level

Signal	(A1) (A2) (A3)	• Ext. S-input • Ext. input • Color (colour) bar signal [NTSC]
Mode	(B1) (B2) (B3)	• EE SP • S-VHS SP • VHS SP
Equipment	(C)	• Oscilloscope
Measuring point	(D)	• Y OUT terminal (75 Ω terminated)
EVR mode EVR address	(F1) (F2) (F3) (F4)	• Jig code “43-57” • A : 11 • Jig code “43-21” twice • Jig code “43-18” or “43-19” (Channel +/-)
Specified value	(G)	• 1.00 ± 0.05 Vp-p
Adjustment tool	(H)	• Jig RCU [PTU94023B]

(1) Input the signal (A3) from the input point (A1).
(2) Set the VCR to the mode (B1).
(3) Observe the Y OUT waveform at the measuring point (D).
(4) Set the VCR to the EVR mode by transmitting the code (F1) from the Jig RCU.
(5) Set the EVR address to (F2) by transmitting the code (F3) from the Jig RCU.
(6) Transmit the code (F4) from the Jig RCU to adjust so that the Y level of the Y OUT waveform becomes the specified value (G).
(7) Release the EVR mode of the VCR by transmitting the code (F1) from the Jig RCU again. (When the EVR mode is released, the adjusted data is memorized.)
(8) Input the signal (A3) from the input point (A2).
(9) Repeat steps (3) to (7) in the mode (B1).
(10) Record the signal (A3) in the mode (B2), and play back the recorded signal.
(11) Set the VCR to the manual tracking mode.
(12) Repeat steps (3) to (7) in the mode (B2).
(13) Record the signal (A3) in the mode (B3), and play back the recorded signal.
(14) Set the VCR to the manual tracking mode.
(15) Repeat steps (3) to (7) in the mode (B3).

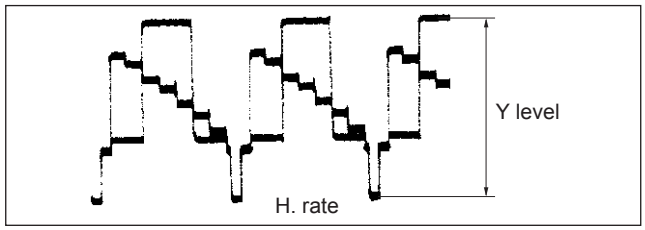

Fig.4-1b EE Y/PB Y lebel

4.1.3 Audio circuit

Note:

- **GND (Ground) should be taken from the Tuner shield case.**

4.1.3.1 Audio REC FM

Signal	(A1) (A2) (A3)	• Ext. input • Audio: No signal • Video: Color (colour) bar signal [NTSC]
Mode	(B)	• S-VHS EP • TBC:OFF
Equipment	(C)	• Oscilloscope
Measuring point	(D)	• TP2253 (A. PB FM) [Main board]
External trigger	(E)	• TP111 (D.FF)
Adjustment part	(F)	• VR2251 (FMA REC LEVEL)
Specified value	(G1) (G2)	• 350 ± 50 mVp-p • More than 200 mVp-p

(1) Apply the external trigger signal to D.FF (E) to observe the Audio PB FM waveform at the measuring point (D).
(2) Record the signal (A3) with no audio signal input in the mode (B), and play back the recorded signal.
(3) Set the VCR to the manual tracking mode.
(4) If the A.PB FM level is not within the specified value (G1), perform the adjustment in a following procedure.
(5) Adjust the Adjustment part (F) so that the A. PB FM level of the higher channel level becomes the specified value (G1). (Adjust before recording, then confirm it by playing back.)
(6) If the specified value (G1) is not obtained, adjust the Adjustment part (F) so that the waveform level of the lower channel level becomes the specified value (G2). (Adjust before recording, then confirm it by playing back.)

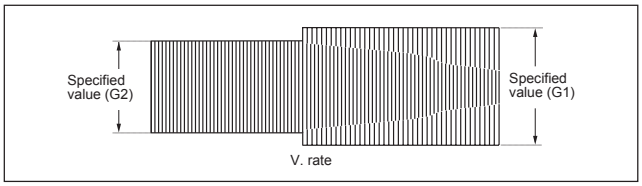

Fig.4-1c Audio REC FM

SECTION 5
TROUBLESHOOTING

Please refer to "DR-MV1SUS No.YD006" about this section.

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(No.YD045)

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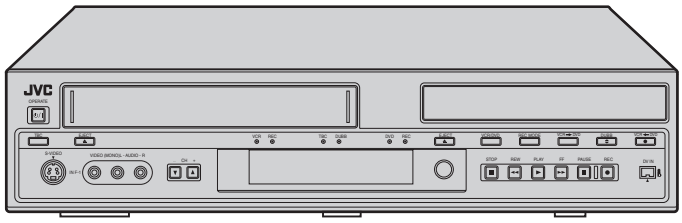
SCHEMATIC DIAGRAMS

DVD VIDEO RECORDER & VIDEO CASSETTE RECORDER

SR-MV50US

CD-ROM No.SML200501



SR-MV50US [D3RS29]

For disassembling and assembling of MECHANISM ASSEMBLY, refer to the SERVICE MANUAL No.86700(MECHANISM ASSEMBLY).
Regarding service information other than these sections, refer to the service manual No. YD006 (DR-MV1SUS).
Also, be sure to note important safety precautions provided in the service manual.

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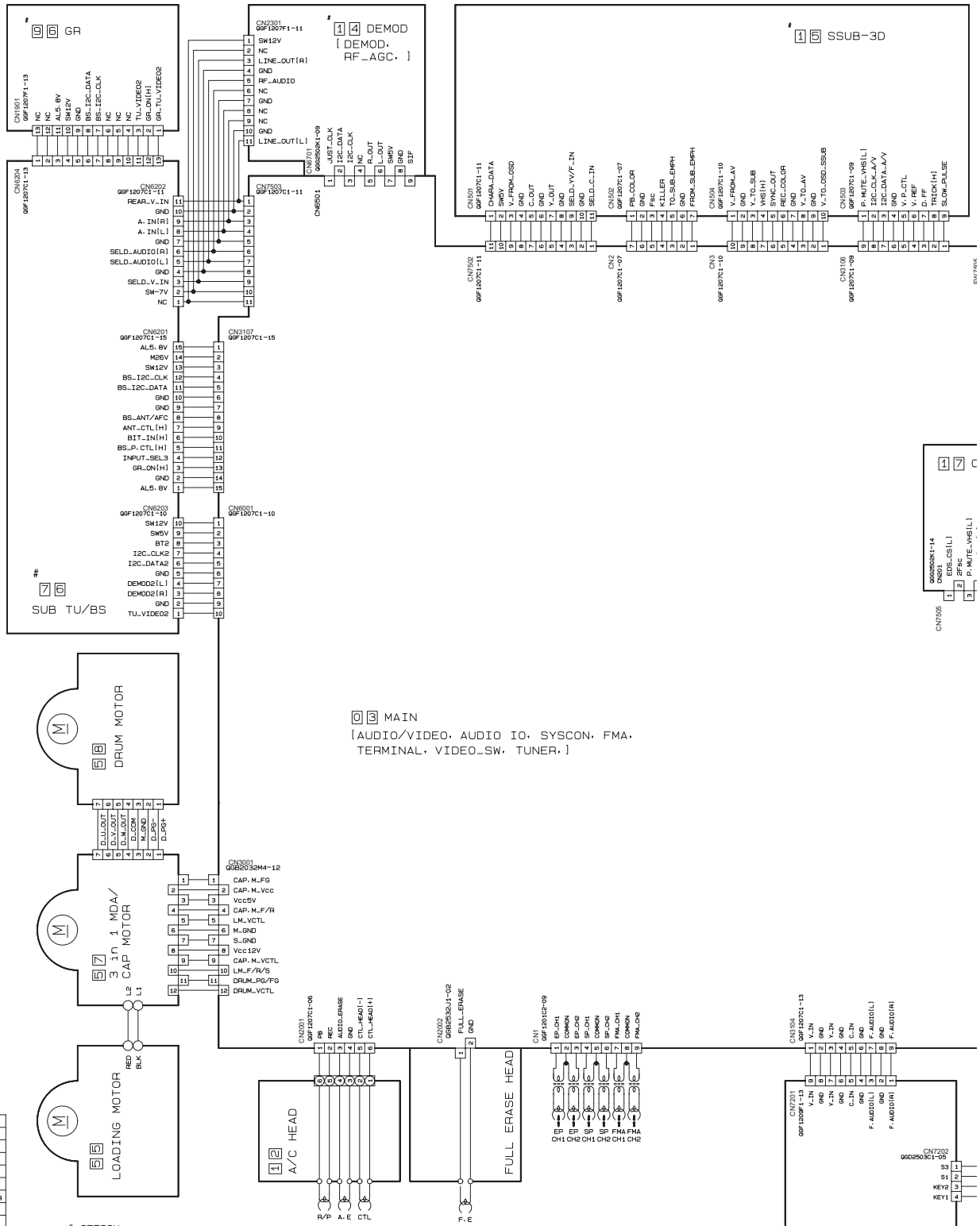
No.YD045SCH
2005/1

CHARTS AND DIAGRAMS

■ BOARD INTERCONNECTIONS



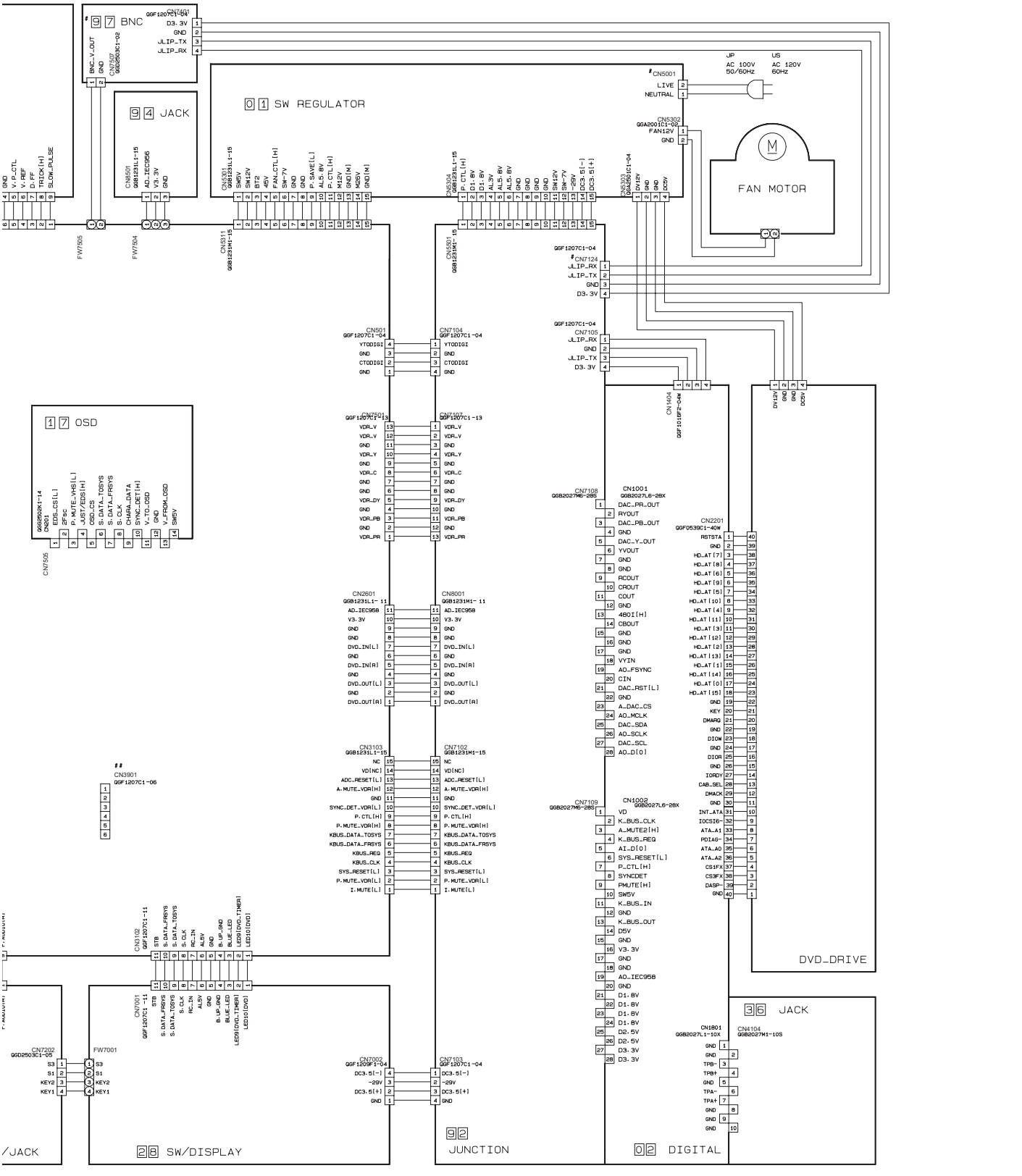
97	BNC
96	GR
92	JUNCTION
94	JACK
76	BS
68	DRUM MOTOR
67	3 in 1 MDA/CAP MOTOR
55	LOADING MOTOR
36	JACK
28	DISP/SW
27	OPE/JACK
17	OSD
15	SSUB-3D
14	DEMOD
12	A/C HEAD
03	MAIN
02	DIGITAL
01	SW REGULATOR
NO	NAME

#:OPTION

		96 GR 76 CN6204	14 DEMOD 03 CN7503	15 SSUB-3D 03 CN3106 CN2, CN3 CN7502	76 SUB TU/BS 03 CN3107 CN7503 CN6001
US	VHS	X	O	X	X
	SVHS	X	O	O	X
JP	BS	X	X	O	O
	BS/GR	O	X	O	O

	97 BNC 92 CN7124
w/BNC_RS232C	O
w/o BNC_RS232C	X

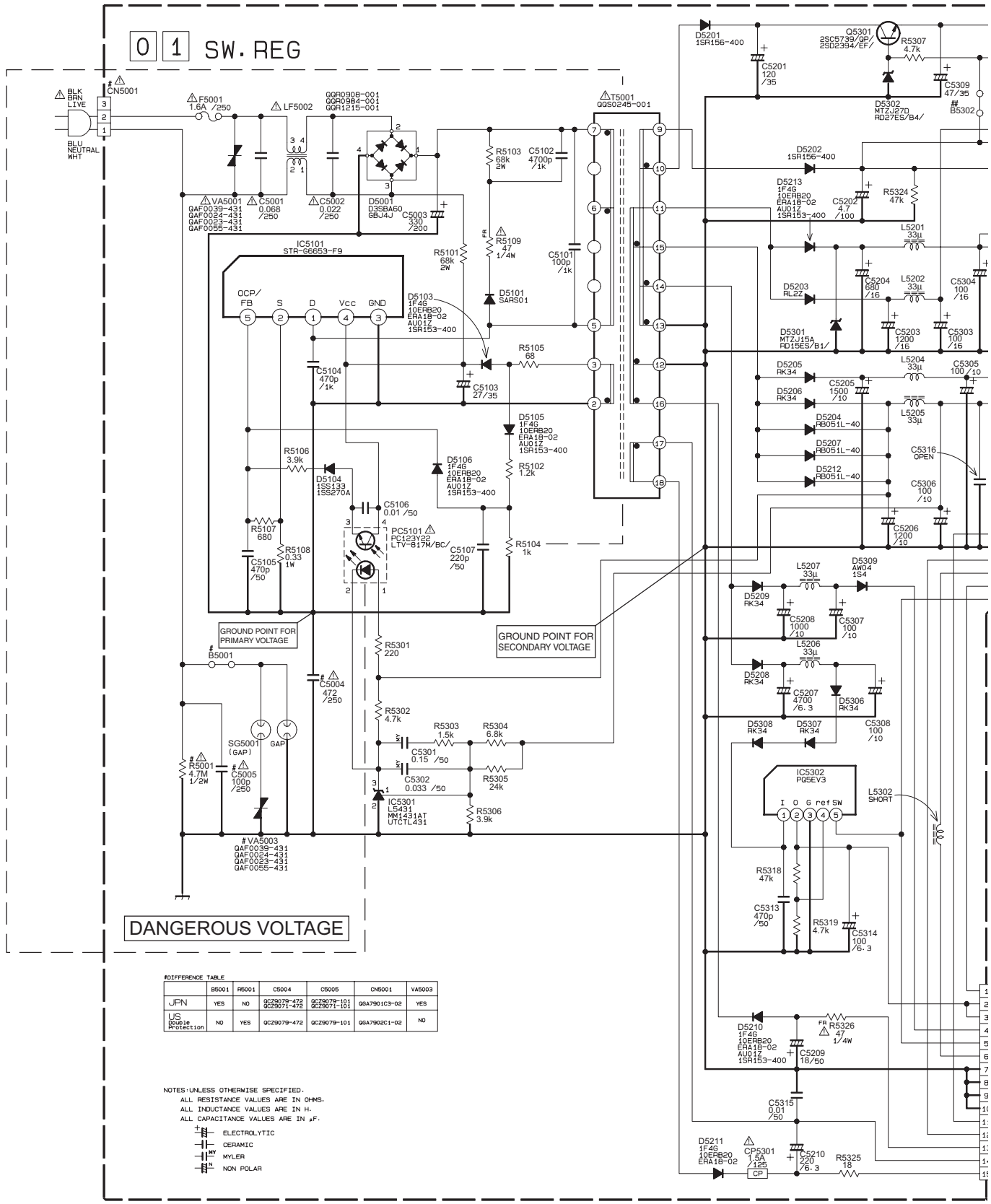
##: CN3901 IS USED FOR FLASH (



ED FOR FLASH CPU

p10712001a_rev0

■ SWITCHING REGULATOR AND JUNCTION SCHEMATIC DIAGRAMS

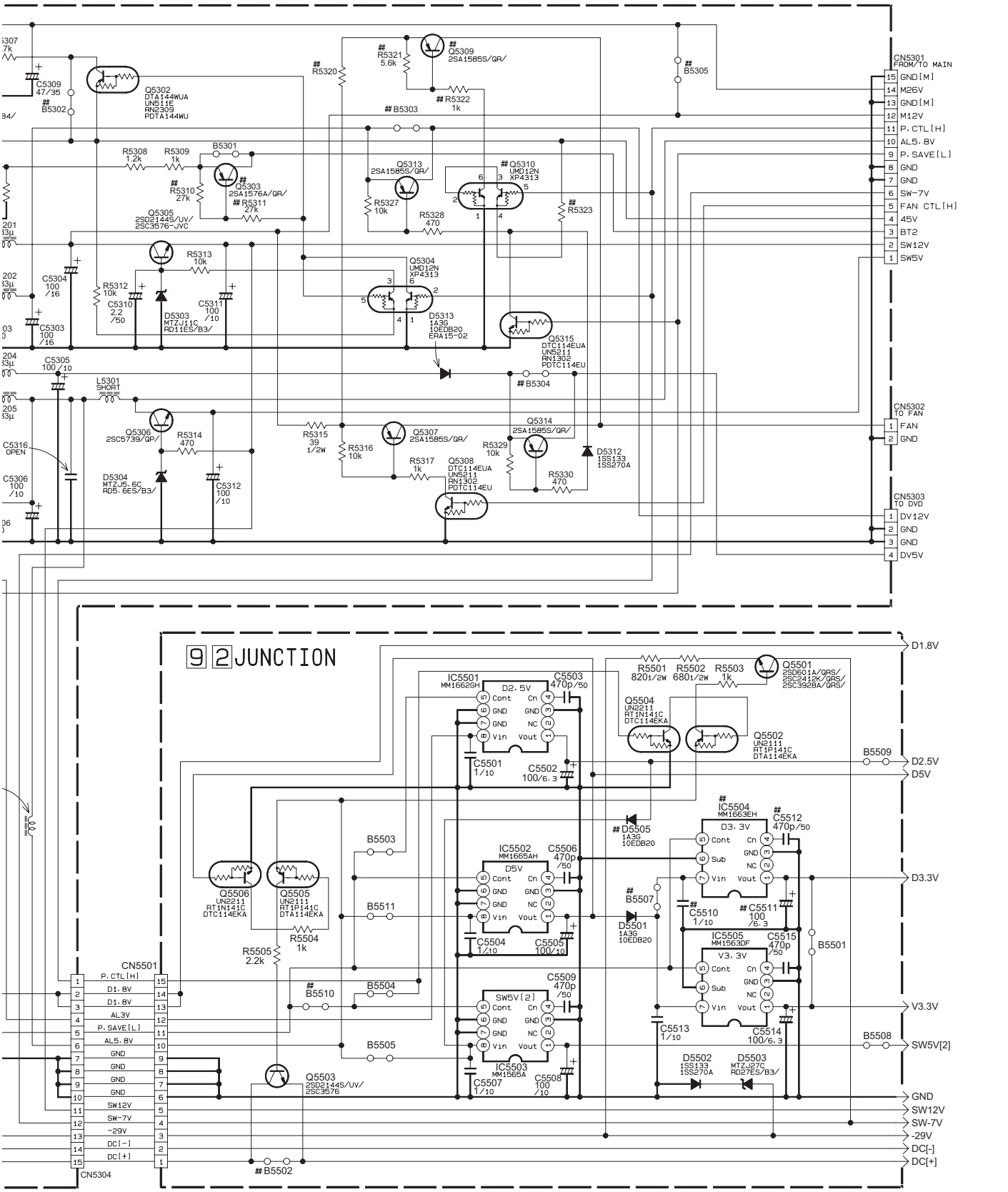


#DIFFERENCE TABLE

	B5001	R5001	C5004	C5005	CN5001	VA5003
JPN	YES	NO	QCZ9079-472 QCZ9071-472	QCZ9079-101 QCZ9071-101	QGA7901C3-02	YES
US Double Protection	NO	YES	QCZ9079-472	QCZ9079-101	QGA7902C1-02	NO

NOTES:UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN µF.

ELECTROLYTIC
CERAMIC
MYLER
NON POLAR



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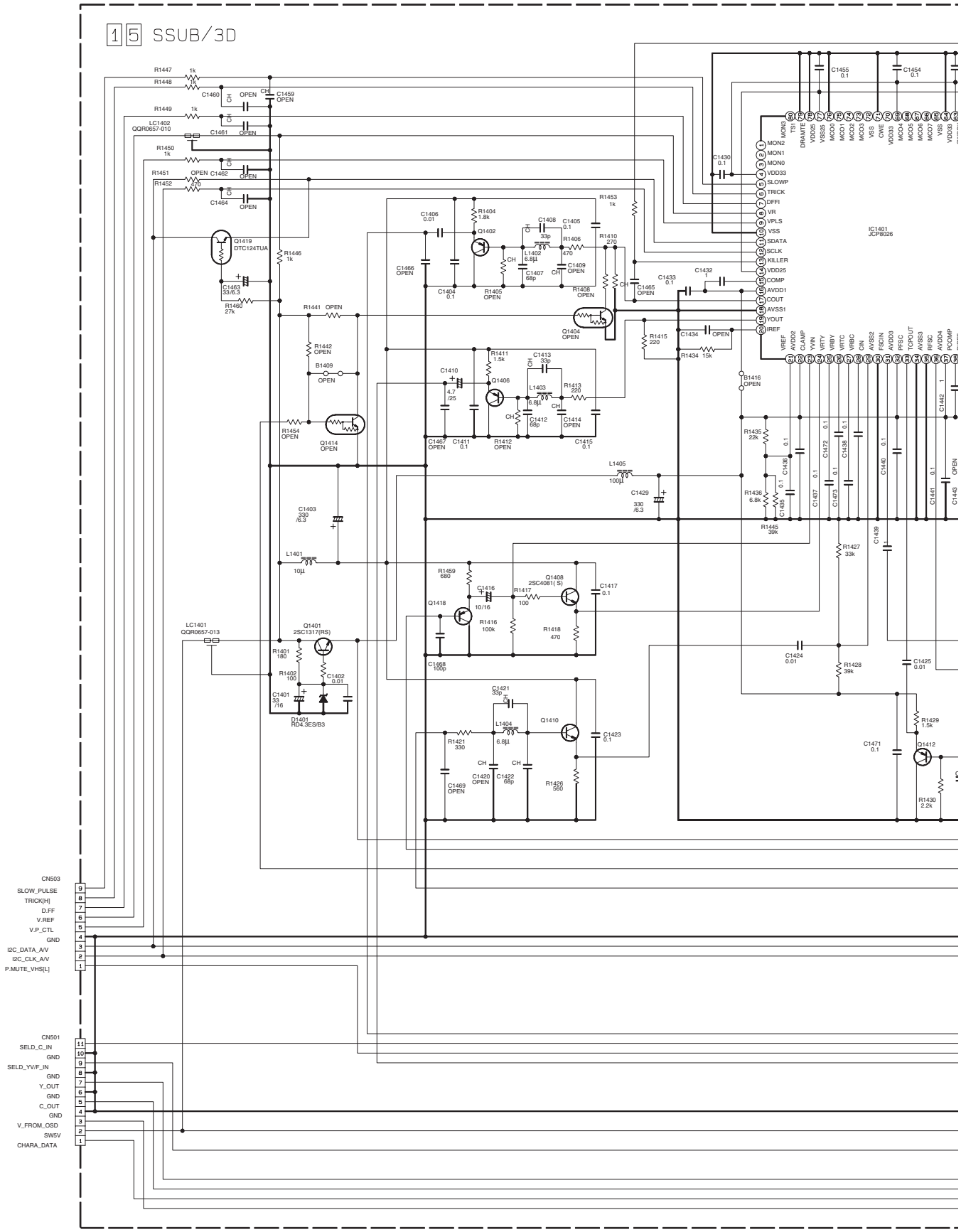
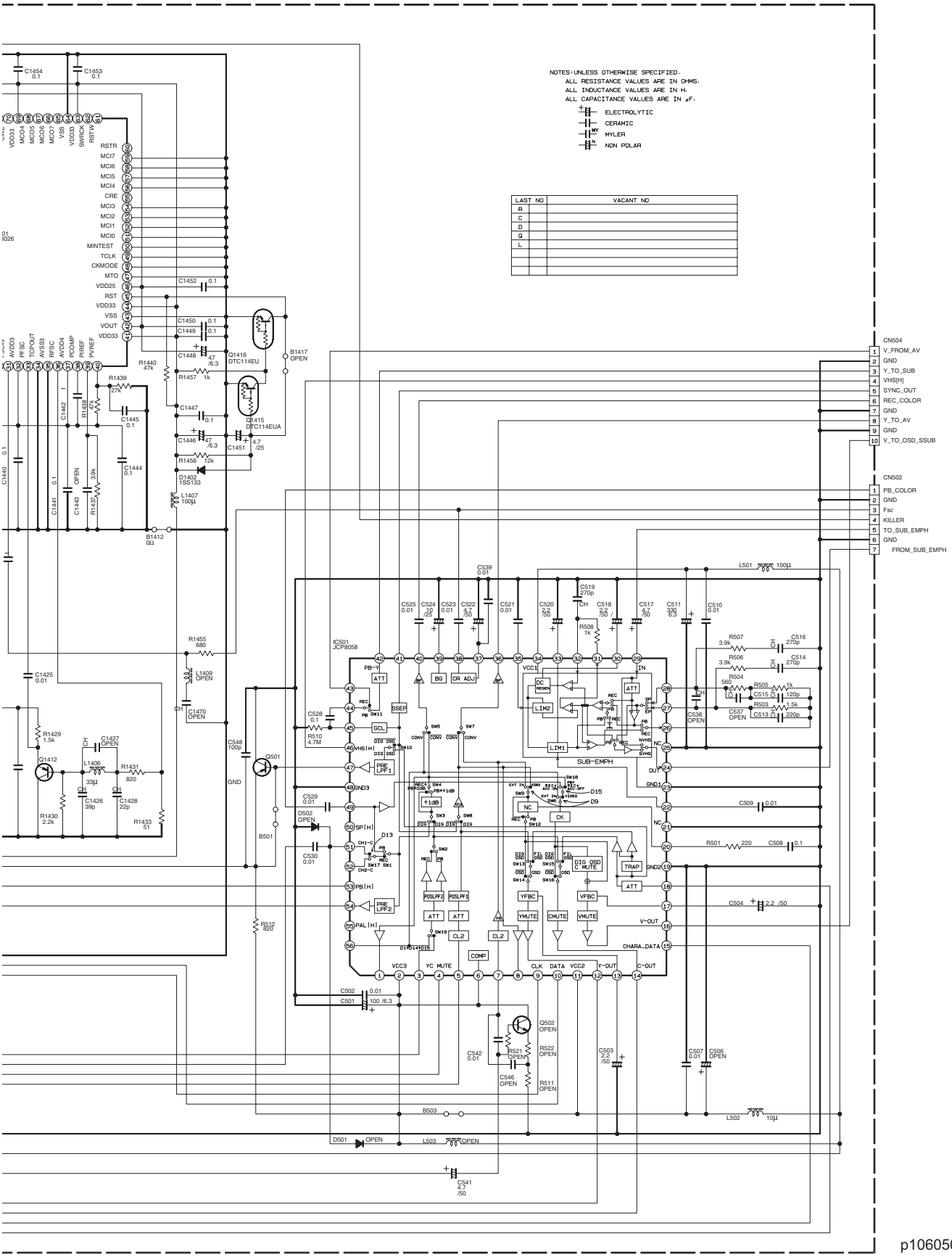
S-SUB/3D SCHEMATIC DIAGRAM





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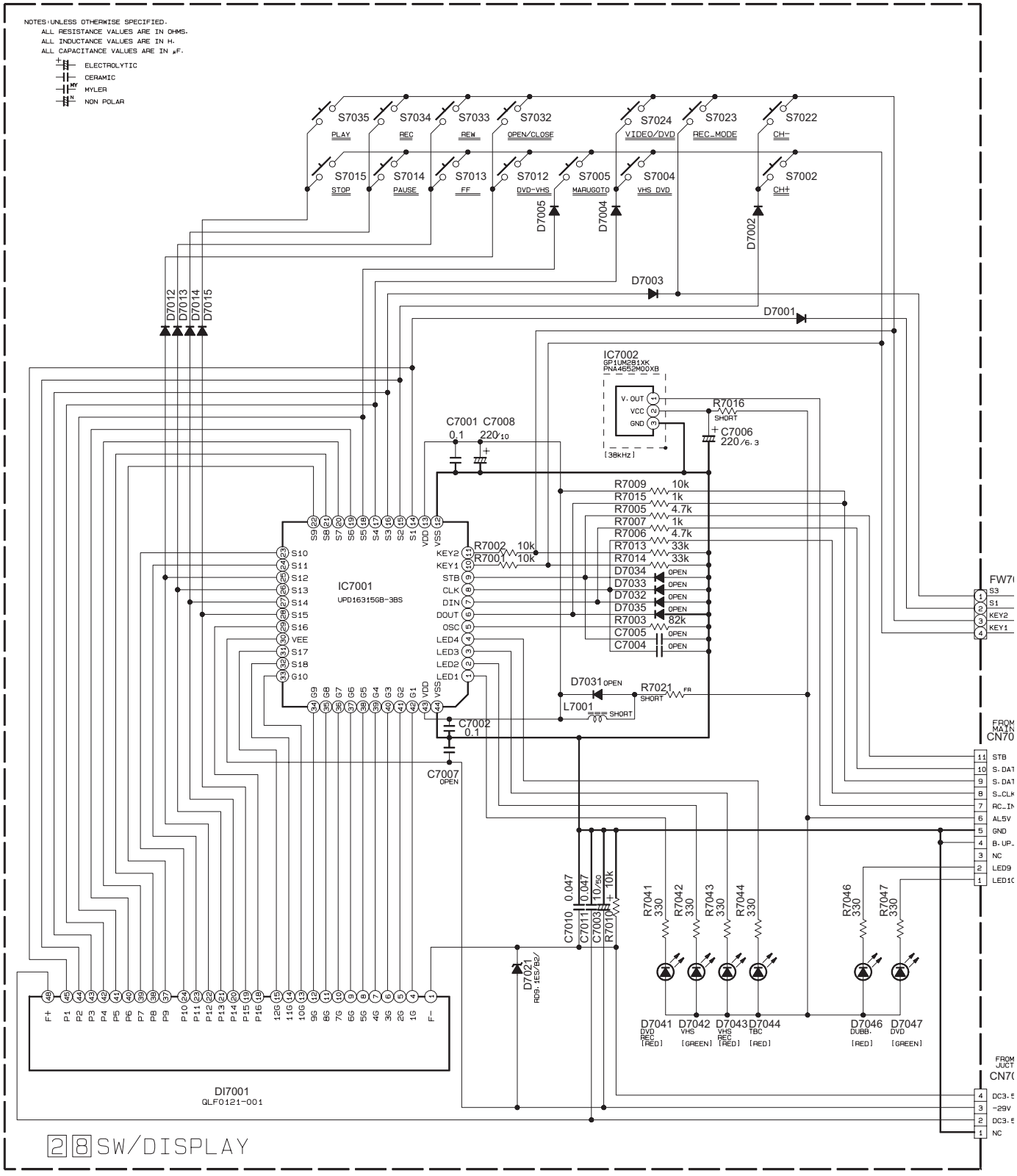
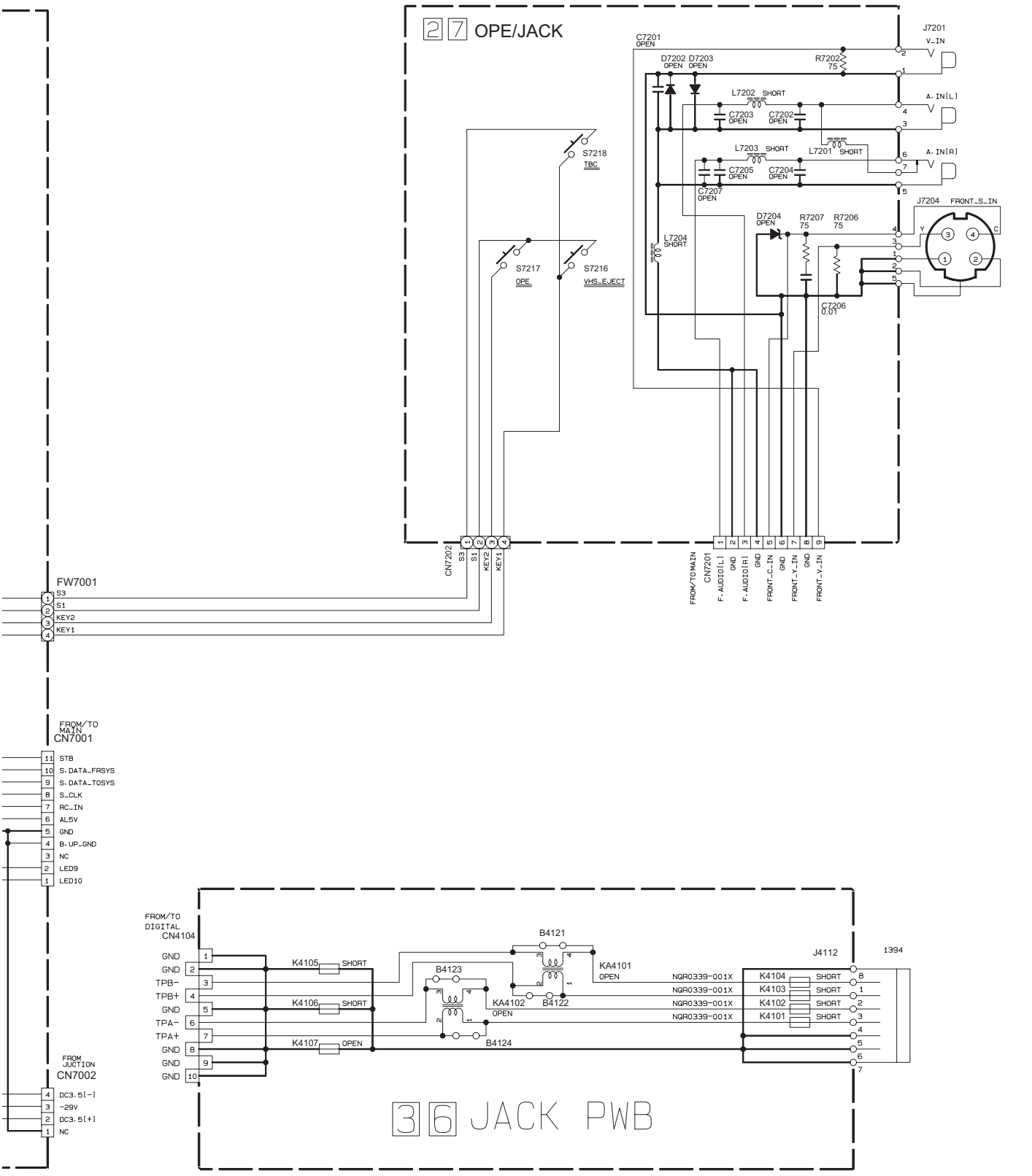
OPERATION JACK,SWITCH DISPLAY AND JACK SCHEMATIC DIAGRAMS





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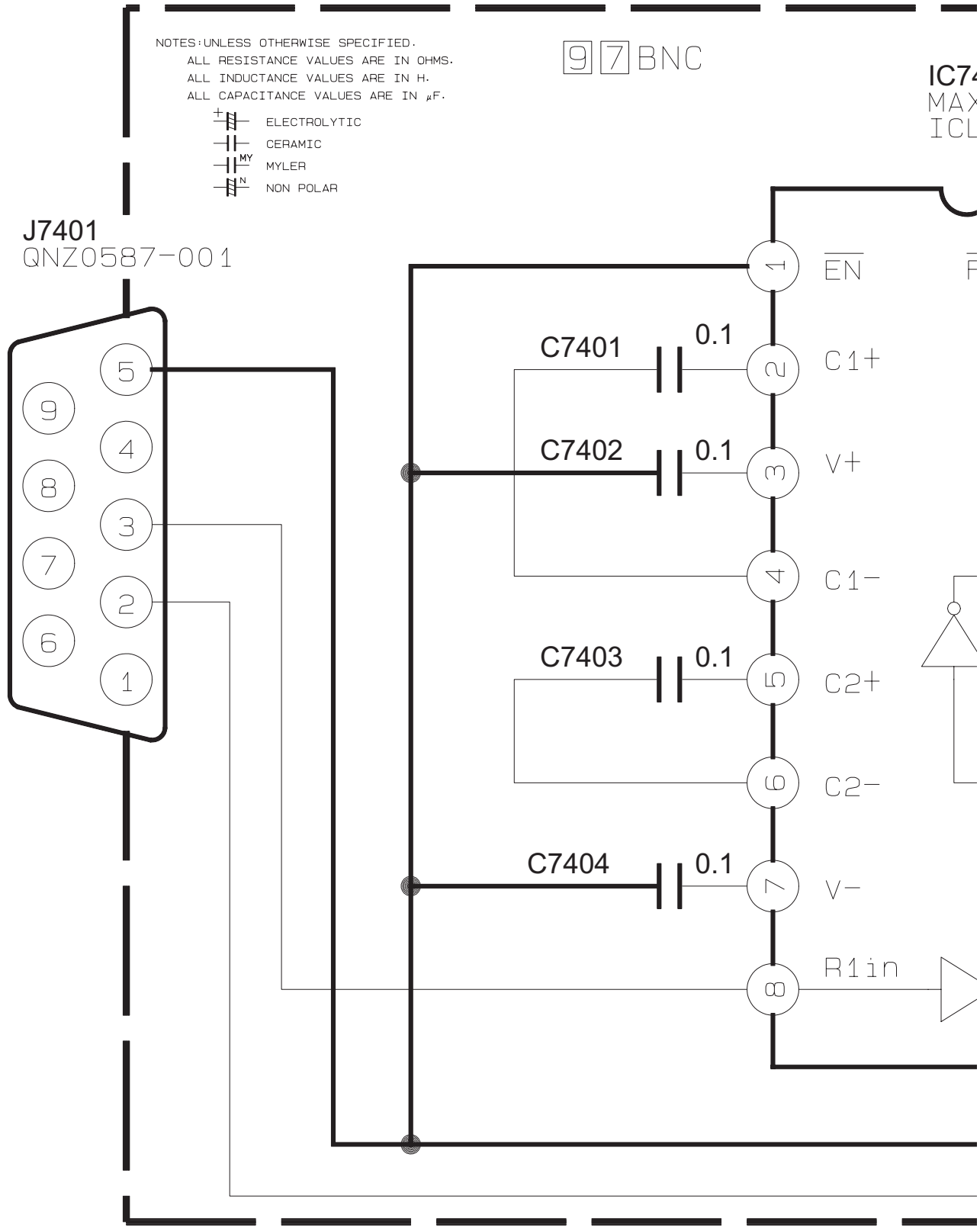
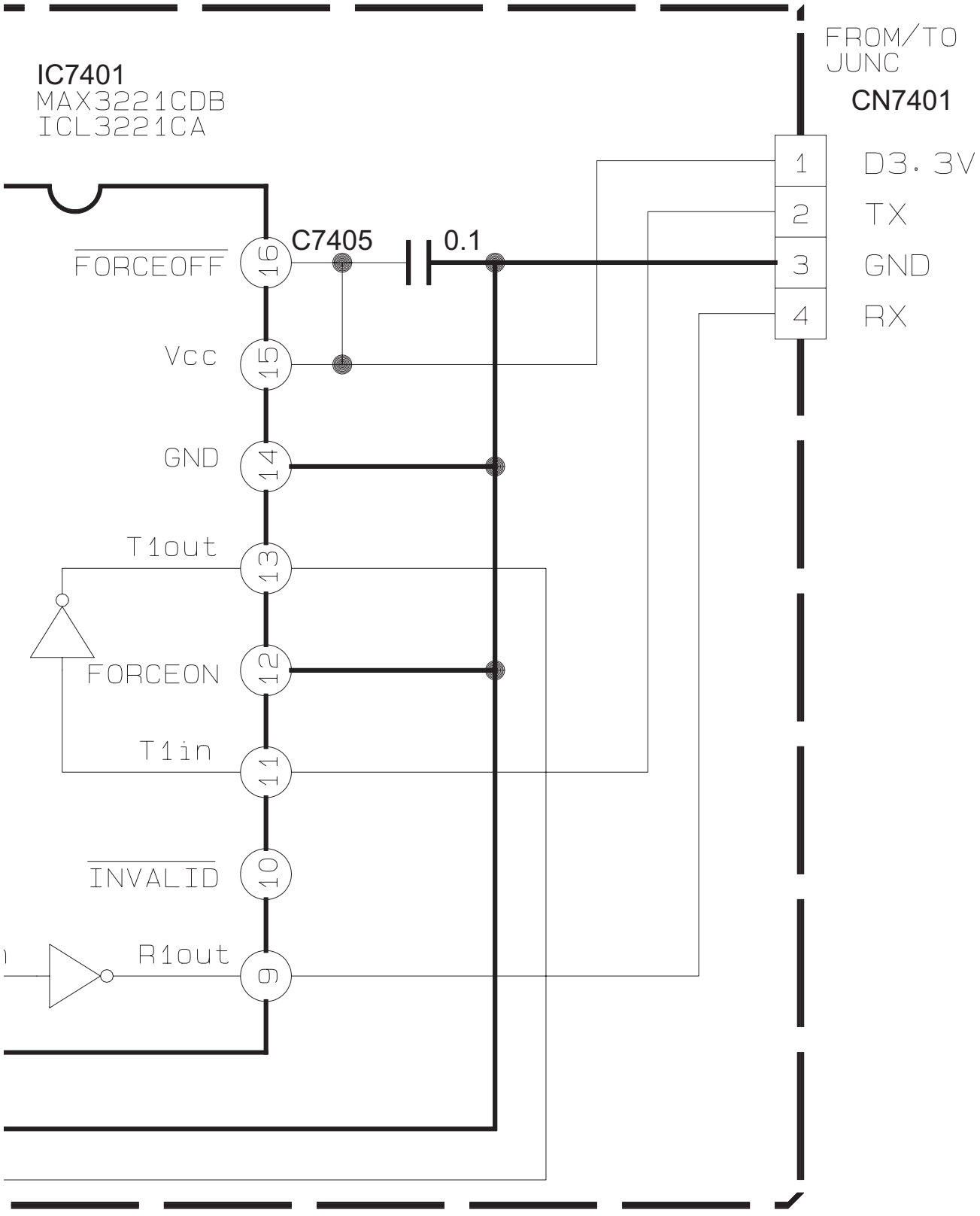
■ BNC(RS232C) SCHEMATIC DIAGRAM





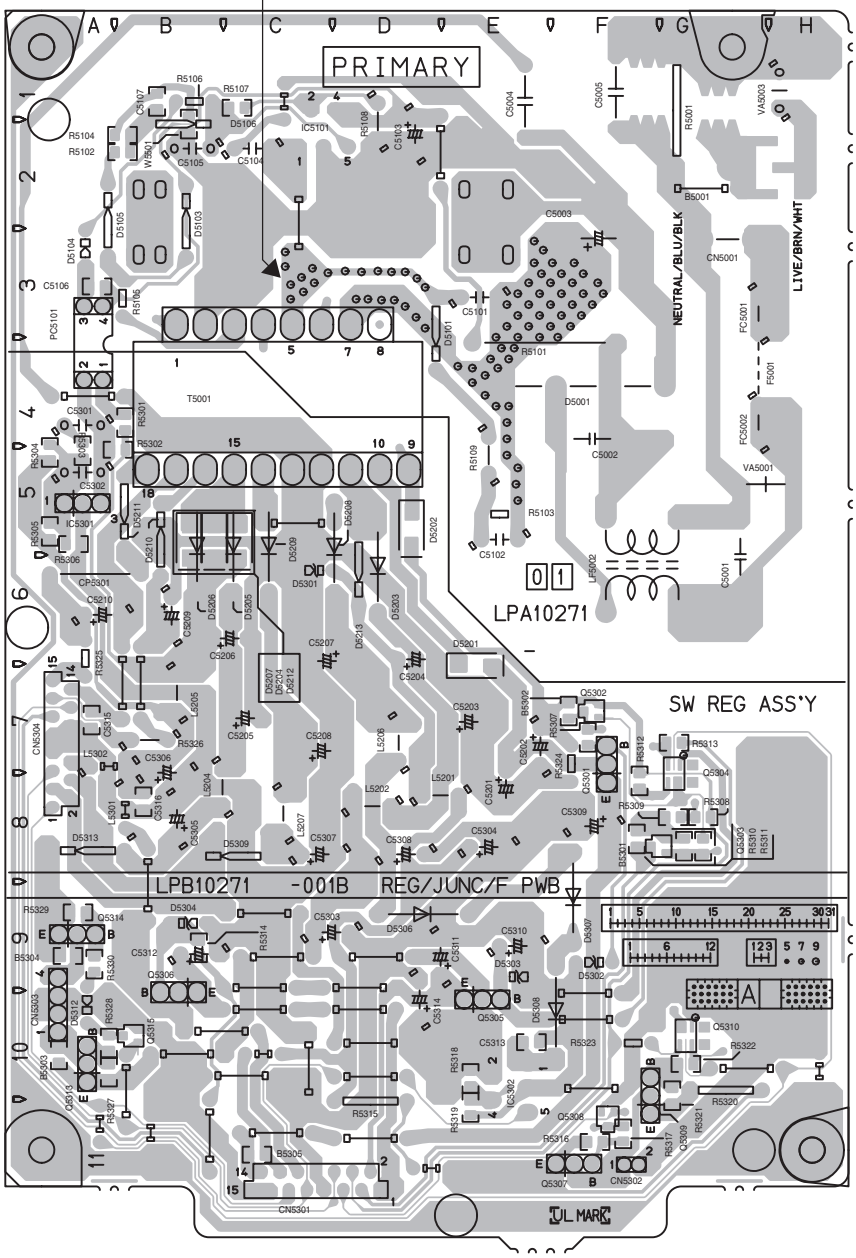
p40054001a_rev0

■ SWITCHING REGULATOR AND JUNCTION CIRCUIT BOARDS

DANGEROUS VOLTAGE

CAUTION :
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE AND RATED FUSE(S).
ATTENTION :
REPLACER PAR DES FUSIBLE DE MEME TYPE.

<01>SWITCHING
REGULATOR
LPB10271-001B



COMPONENT PARTS LOCATION GUIDE <SWITCHING REGULATOR> LPB10271-001B

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
CAPACITOR		C5207	A D 6D	C5316	B C 8B	D5204	B C 5B	D5313	A D 8B	L5301	A D 8B	R5001	A D 1G	R5310	B C 8G	R5329	B C 9A
C5001	A D 5G	C5208	A D 7C			D5205	A D 5C			L5302	A D 7A	R5101	A D 4E	R5311	B C 8G	R5330	B C 9A
C5002	A D 4F	C5209	A D 6B	**CONNECTOR**		D5206	A D 5B	**FUSE**				R5102	B C 2B	R5312	B C 8F		
C5003	A D 3F	C5210	A D 6A	CN5001	A D 3G	D5207	B C 5B	F5001	A D 4G	**TRANSISTOR**		R5103	A D 5E	R5313	B C 7G	**OTHER**	
C5004	A D 1E	C5301	A D 4A	CN5301	A D 11D	D5208	A D 5D	FC5001	A D 3G	Q5301	A D 8F	R5104	B C 2B	R5314	B C 9B	CP5301	A D 6B
C5005	A D 1F	C5302	A D 11F	CN5302	A D 11F	D5209	A D 5C	FC5002	A D 4G	Q5302	B C 7F	R5105	A D 3B	R5315	A D 11D	LF5002	A D 5F
C5101	A D 3E	C5303	A D 9C	CN5303	A D 10A	D5210	A D 6B			Q5303	B C 8F	R5106	A D 1B	R5316	B C 11F	PC5101	A D 4A
C5102	A D 5E	C5304	A D 8E	CN5304	A D 8A	D5211	A D 5B	**IC**		Q5304	B C 8G	R5107	B C 1C	R5317	B C 11F	SG5001	B C 2H
C5103	A D 1D	C5305	A D 8B			D5212	B C 5C	IC5101	A D 2C	Q5305	A D 10E	R5108	A D 1D	R5318	B C 10E	T5001	A D 3B
C5104	A D 2C	C5306	A D 8B	**DIODE**		D5213	A D 5D	IC5301	A D 5A	Q5306	A D 10B	R5109	A D 5E	R5319	B C 11E	VA5001	A D 5H
C5105	A D 2B	C5307	A D 8C	D5001	A D 4E	D5301	A D 6C	IC5302	A D 10E	Q5307	A D 11F	R5301	B C 4B	R5320	A D 10G	VA5003	A D 1H
C5106	B C 3A	C5308	A D 8D	D5101	A D 3D	D5302	A D 9F			Q5308	B C 11F	R5302	B C 5B	R5321	B C 10G		
C5107	B C 1B	C5309	A D 8F	D5103	A D 3B	D5303	A D 9E	**COIL**		Q5309	A D 11F	R5303	B C 5A	R5322	B C 10G		
C5201	A D 7E	C5310	A D 9E	D5104	A D 3A	D5304	A D 9B	L5201	A D 8D	Q5310	B C 10G	R5304	B C 5A	R5323	A D 10F		
C5202	A D 7E	C5311	A D 9D	D5105	A D 3A	D5306	A D 9D	L5202	A D 8D	Q5313	A D 10A	R5305	B C 5A	R5324	A D 8F		
C5203	A D 7E	C5312	A D 9B	D5106	A D 2B	D5307	A D 8F	L5204	A D 8B	Q5314	A D 9A	R5306	B C 5A	R5325	A D 6A		
C5204	A D 6D	C5313	B C 10E	D5201	B C 7E	D5308	A D 9F	L5205	A D 7B	Q5315	B C 10B	R5307	B C 7F	R5326	A D 7B		
C5205	A D 7C	C5314	A D 10D	D5202	B C 5D	D5309	A D 8C	L5206	A D 7D			R5308	B C 8G	R5327	B C 10A		
C5206	A D 6B	C5315	B C 7A	D5203	A D 5D	D5312	A D 9A	L5207	A D 8C	**RESISTOR**		R5309	B C 8G	R5328	B C 10A		

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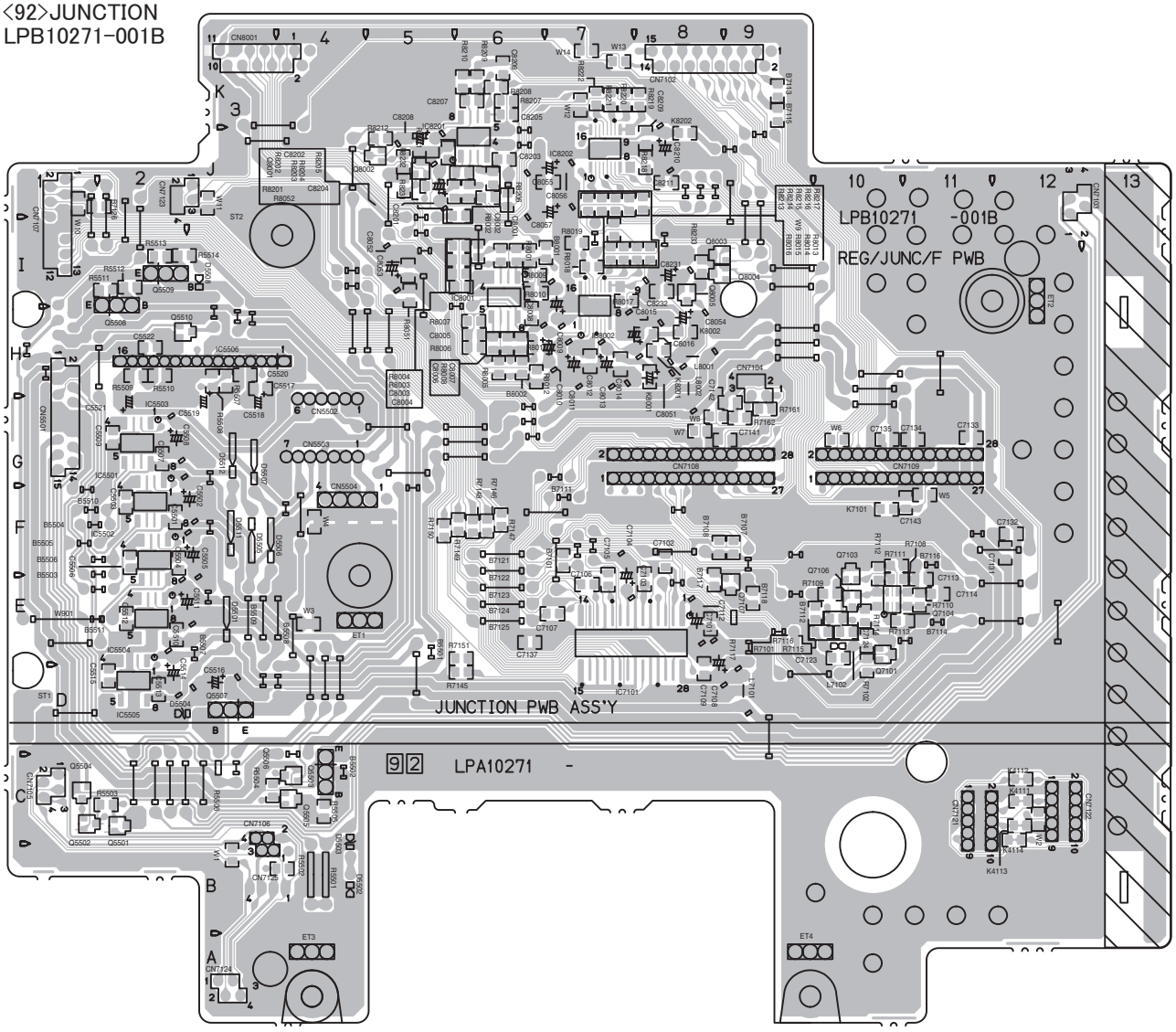
LPB10271-001B



COMPONENT PARTS LOCATION GUIDE <JUNCTION> LPB10271-001B

REF.NO.	LOCATION
CAPACITOR	
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C5502	A D 3G
C5503	B C 2F
C5504	B C 2F
C5505	A D 3F
C5506	B C 2F
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C5508	A D 2G
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C5510	B C 2E
C5511	A D 3E
C5512	B C 2E
C5513	B C 2D
C5514	A D 2E
C5515	B C 2D
C5516	A D 3D
C5517	B C 3H
C5518	A D 3G
C5519	A D 3G
C5520	B C 3H
C5521	A D 2G
C5522	B C 2H
C7101	B C 8E
C7102	B C 8F
C7103	B C 8E
C7104	A D 7E
C7105	B C 7E
C7106	B C 7E
C7107	B C 7E
C7108	A D 8D
C7109	B C 8D
C7112	A D 8E
C7113	B C 11E
C7114	B C 11E
C7123	B C 10E
C7124	B C 10E
C7131	B C 12F
C7132	B C 12F
C7133	B C 11G
C7134	B C 11G
C7135	B C 10G
C7137	B C 6E
C7141	B C 9G
C7142	B C 9G
C7143	B C 11F
C8001	B C 6I
C8002	B C 6I
C8003	B C 6I
C8004	B C 6I
C8005	B C 6H
C8006	B C 6H
C8007	B C 6H
C8008	B C 6H
C8009	A D 7H
C8010	A D 7H
C8011	A D 7H
C8012	B C 7H
C8013	A D 7H
C8014	B C 7H
C8015	A D 8H
C8016	B C 8H
C8051	A D 8H
C8052	A D 5I
C8053	B C 5I
C8054	A D 8H
C8055	B C 7J
C8056	A D 7J
C8057	A D 7J
C8201	A D 5J
C8202	B C 6J
C8203	B C 6J
C8204	B C 6J
C8205	B C 6K
C8206	B C 6K
C8207	B C 6K
C8208	A D 5J
C8209	B C 8J
C8210	A D 8J
C8211	B C 8J
C8231	A D 8I
C8232	B C 8I
CONNECTOR	
CN4104	A D 8A
CN5501	A D 1G
CN5502	A D 4G
CN5503	A D 4G
CN5504	A D 5F
CN7102	A D 9K
CN7103	A D 12J
CN7104	A D 9H
CN7105	A D 1C
CN7106	A D 3B
CN7107	A D 1J
CN7108	A D 7G
CN7109	A D 10G
CN7121	A D 11C
CN7122	A D 12C
CN7123	A D 3J
CN7124	A D 3A
CN7125	A D 4B
CN8001	A D 4K
DIODE	
D5501	A D 3E
D5502	A D 4B
D5503	A D 4C
D5504	A D 2D
D5505	A D 3F
D5506	A D 3F
D5507	A D 3G
D5508	A D 3I
D5511	A D 3F
D5512	A D 3G
IC	
IC5501	B C 2F
IC5502	B C 2F
IC5503	B C 2G
IC5504	B C 2E
IC5505	B C 2D
IC5506	A D 4H
IC7101	B C 7E
IC8001	B C 6I
IC8002	B C 7I
IC8201	B C 6J
IC8202	B C 7J
COIL	
L7101	A D 9D
L7102	A D 10E
L8001	A D 8H
L8002	A D 8G
TRNSISTOR	
Q5501	B C 2C
Q5502	B C 1C
Q5503	A D 4C
Q5504	B C 1C
Q5505	B C 4C
Q5506	B C 4C
Q5507	A D 3D
Q5508	A D 2I
Q5509	A D 2I
Q5510	B C 2H
Q7101	B C 10E
Q7103	B C 10F
Q7104	B C 10E
Q7106	B C 10E
Q7107	B C 9E
Q8001	B C 5J
Q8002	B C 5J
Q8003	B C 8I
Q8004	B C 8I
Q8005	B C 8I
RESISTOR	
R5501	A D 4B
R5502	A D 4B
R5503	B C 2C
R5504	B C 3C
R5505	B C 4C
R5506	A D 3D
R5507	B C 3H
R5508	B C 3H
R5509	B C 2H
R5510	B C 2H
R5511	B C 2I
R5512	B C 2I
R5513	B C 2I
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R7102	B C 10D
R7108	B C 10E
R7109	B C 10E
R7110	B C 11E
R7111	B C 10F
R7112	B C 10F
R7113	B C 11E
R7114	B C 10E
R7115	B C 10E
R7116	B C 10E
R7117	A D 9E
R7145	B C 6D
R7146	B C 6F
R7147	B C 6F
R7148	B C 6F
R7149	B C 6F
R7150	B C 5F
R7151	B C 6E
R7161	B C 9G
R7162	B C 9G
R8001	B C 6I
R8002	B C 6I
R8003	B C 6I
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R8005	B C 6H
R8006	B C 6H
R8007	B C 6H
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R8019	B C 7I
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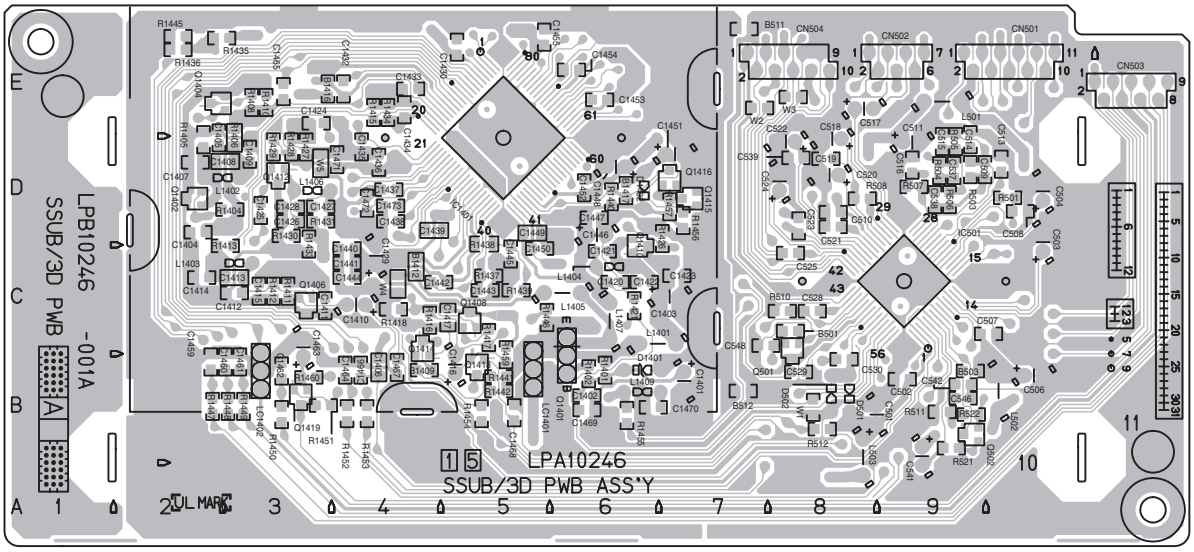
R8208	B C 6K
R8209	B C 6K
R8210	B C 6K
R8211	B C 5J
R8212	B C 5J
R8213	B C 7J
R8214	B C 7J
R8215	B C 7J
R8216	B C 7J
R8217	B C 8J
R8218	B C 8J
R8219	B C 8K
R8220	B C 7K
R8221	B C 7K
R8222	B C 7K
R8231	B C 5J
R8232	B C 5J
R8233	B C 8I
OTHER	
CM2	B C 13K
K4105	B C 9A
K4111	B C 12C
K4112	B C 12C
K4113	B C 12C
K4114	B C 12C
K7101	B C 10F
K8001	B C 8H
K8002	B C 8H
K8201	B C 8H
K8202	B C 8J

■ 3D/S-SUB,OPERATION/JACK,SWITCH/DISPLAY,BNC AND JACK CIRCUIT BOARDS

<15> 3D/S-SUB
LPB10246-001A



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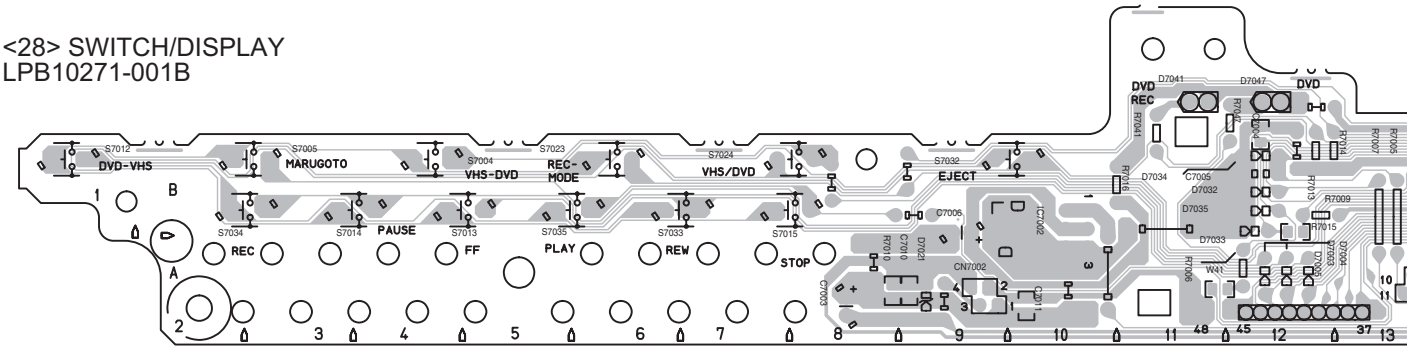

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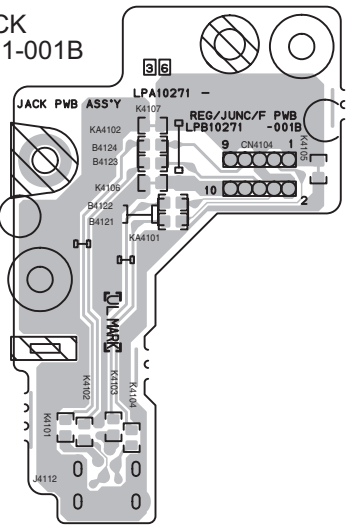

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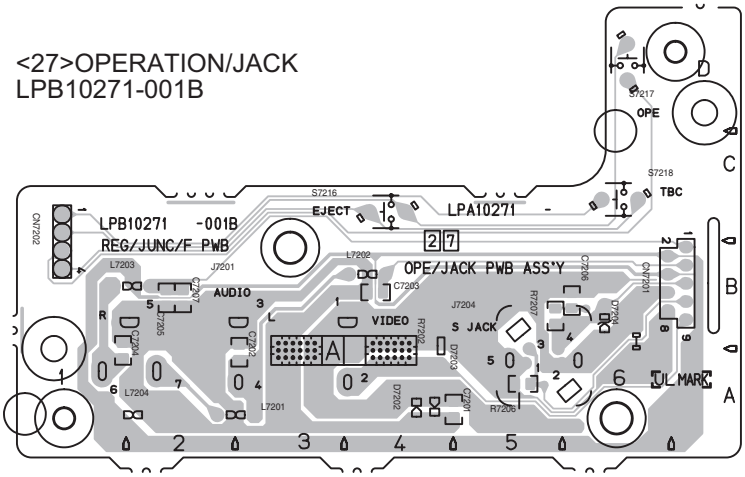

COMPONENT PARTS LOCATION GUIDE <3D/S-SUB> LPB10246-001A

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
CAPACITOR		C1403	A D 7C	C1442	B C 4C	D501	A D 8B	Q1416	B C 7D	R1430	B C 3D
C501	A D 9B	C1404	B C 2D	C1443	B C 5C	D502	A D 8B	Q1418	B C 5B	R1431	B C 3D
C502	B C 9B	C1405	B C 2D	C1444	B C 4C	D1401	A D 7B	Q1419	B C 3B	R1433	B C 3D
C503	A D 10C	C1406	B C 4B	C1445	B C 5C	D1402	A D 6D			R1434	B C 4E
C504	A D 10D	C1407	B C 2D	C1446	A D 6D			**RESISTOR**		R1435	B C 2E
C506	A D 10B	C1408	B C 3D	C1447	B C 6D	**IC**		R501	B C 10D	R1436	B C 2E
C507	B C 10C	C1409	B C 3D	C1448	A D 6D	IC501	B C 9C	R503	B C 9D	R1437	B C 5C
C508	B C 10D	C1410	A D 4C	C1449	B C 5D	IC1401	B C 5D	R504	B C 9D	R1438	B C 5D
C509	B C 10D	C1411	B C 3C	C1450	B C 5C			R505	B C 9D	R1439	B C 5C
C510	B C 8D	C1412	B C 3C	C1451	A D 7D	**COIL**		R506	B C 9D	R1440	B C 6D
C511	A D 9D	C1413	B C 3C	C1452	B C 6D	L501	A D 9E	R507	B C 9D	R1441	B C 5B
C513	B C 9D	C1414	B C 2C	C1453	B C 6E	L502	A D 10B	R508	B C 8D	R1442	B C 5B
C514	B C 9D	C1415	B C 3C	C1454	B C 6E	L503	A D 8B	R510	B C 8C	R1445	B C 2E
C515	B C 9D	C1416	A D 5B	C1455	B C 5E	L1401	A D 6C	R511	B C 9B	R1446	B C 5C
C516	B C 9D	C1417	B C 5C	C1459	B C 2B	L1402	A D 3D	R512	B C 8B	R1447	B C 2B
C517	A D 8E	C1420	B C 6C	C1460	B C 3B	L1403	A D 3C	R521	B C 9B	R1448	B C 3B
C518	A D 8D	C1421	B C 6C	C1461	B C 3B	L1404	A D 6C	R522	B C 9B	R1449	B C 3B
C519	B C 8D	C1422	B C 6C	C1462	B C 3B	L1405	A D 6C	R1401	B C 6B	R1450	B C 3B
C520	A D 8D	C1423	B C 7C	C1463	A D 3B	L1406	A D 3D	R1402	B C 6B	R1451	B C 3B
C521	B C 8D	C1424	B C 3E	C1464	B C 4B	L1407	A D 6C	R1404	B C 3D	R1452	B C 4B
C522	A D 8D	C1425	B C 3D	C1465	B C 3E	L1409	A D 6B	R1405	B C 2D	R1453	B C 4B
C523	B C 8D	C1426	B C 3D	C1466	B C 4B	LC1401	A D 5B	R1406	B C 3D	R1454	B C 5B
C524	A D 8D	C1427	B C 3D	C1467	B C 4B	LC1402	A D 3B	R1408	B C 3E	R1455	B C 6B
C525	B C 8C	C1428	B C 3D	C1468	B C 5B			R1410	B C 3E	R1456	B C 7D
C528	B C 8C	C1429	A D 4C	C1469	B C 6B	**TRANSISTOR**		R1411	B C 3C	R1457	B C 7D
C529	B C 8B	C1430	B C 5E	C1470	B C 6B	Q501	B C 8C	R1412	B C 3C	R1459	B C 5B
C530	B C 8B	C1432	B C 4E	C1471	B C 4D	Q502	B C 9B	R1413	B C 3C	R1460	B C 3B
C537	B C 9D	C1433	B C 4E	C1472	B C 4D	Q1401	A D 6C	R1415	B C 4E		
C538	B C 9D	C1434	B C 4E	C1473	B C 4D	Q1402	B C 2D	R1416	B C 4C	**OTHER**	
C539	B C 8D	C1435	B C 4D			Q1404	B C 2E	R1417	B C 5C	PC06	B C 11L
C541	A D 9B	C1436	B C 4D	**CONNECTOR**		Q1406	B C 3C	R1418	B C 4C		
C542	B C 9B	C1437	B C 4D	CN501	A D 9E	Q1408	B C 5C	R1421	B C 6C		
C546	B C 9B	C1438	B C 4D	CN502	A D 8E	Q1410	B C 6C	R1426	B C 7D		
C548	B C 7C	C1439	B C 4D	CN503	A D 11E	Q1412	B C 3D	R1427	B C 3D		
C1401	A D 7B	C1440	B C 4C	CN504	A D 7E	Q1414	B C 4C	R1428	B C 3D		
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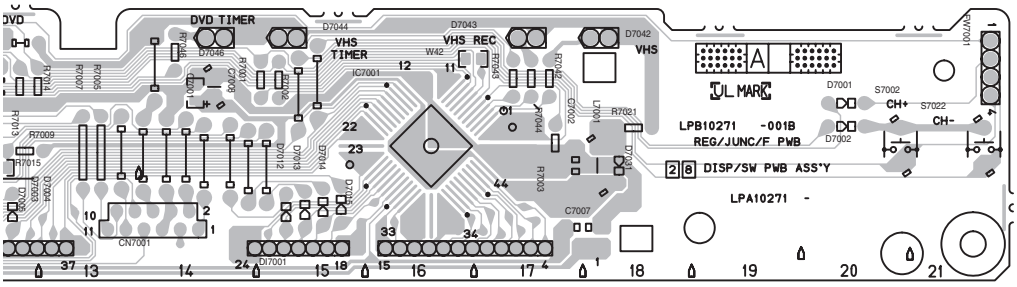
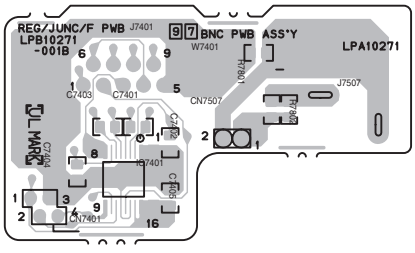


COMPONENT PARTS LOCATION GUIDE <SWITCH/DISPLAY> LPB10271-001B

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
CAPACITOR		**CONNECTOR**		D7014	A D 15A	D7046	A D 14C	R7005	A D 13B	R7043	A D 17B	S7013	A D 5B
C7001	B C 14B	CN7001	A D 14A	D7015	A D 15A	D7047	A D 12C	R7006	A D 12A	R7044	A D 17B	S7014	A D 4B
C7002	A D 17B	CN7002	A D 9A	D7021	A D 9A	DI7001	A D 14B	R7007	A D 13B	R7046	A D 14B	S7015	A D 8B
C7003	A D 8A			D7031	A D 18B			R7009	A D 13B	R7047	A D 12C	S7022	A D 21B
C7004	B C 12B	**DIODE**		D7032	A D 12B	**IC**		R7010	B C 8A			S7023	A D 6B
C7005	A D 12B	D7001	A D 20B	D7033	A D 12B	IC7001	B C 16B	R7013	A D 12B	**OTHER**		S7024	A D 8B
C7006	A D 9B	D7002	A D 20B	D7034	A D 12B	IC7002	A D 10B	R7014	A D 12B	FW7001	A D 21C	S7032	A D 10B
C7007	A D 17A	D7003	A D 12A	D7035	A D 12B			R7015	B C 12B	L7001	A D 18A	S7033	A D 7B
C7008	A D 14B	D7004	A D 12A	D7041	A D 11C	**RESISTOR**		R7016	A D 11B	S7002	A D 20B	S7034	A D 3B
C7010	B C 9A	D7005	A D 12A	D7042	A D 18C	R7001	A D 15C	R7021	A D 18B	S7004	A D 4B	S7035	A D 6B
C7011	B C 10A	D7012	A D 15A	D7043	A D 17C	R7002	A D 15C	R7041	A D 11B	S7005	A D 3B		
		D7013	A D 15A	D7044	A D 15C	R7003	A D 17B	R7042	A D 17B	S7012	A D 1B		

<97> BNC
LPB10271-001B



COMPONENT PARTS LOCATION GUIDE <OPERATION/JACK> LPB10271-001B

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
CAPACITOR		**CONNECTOR**		**OTHER**		R7206	B C 5A
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C7202	B C 3B	CN7202	A D 1C	J7204	A D 5A	S7216	A D 4C
C7203	B C 4B			L7201	A D 3A	S7217	A D 6D
C7204	B C 1B	**DIODE**		L7202	A D 4B	S7218	A D 6C
C7205	B C 2B	D7202	A D 4A	L7203	A D 2B		
C7206	B C 6B	D7203	A D 4A	L7204	A D 1A		
C7207	B C 2B	D7204	A D 6B	R7202	A D 4B		

■ VOLTAGE CHARTS

<SW.REGULATOR>

MODE PIN NO.	REC	PLAY
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3	0	0
4	17.0	17.0
5	2.0	2.0
IC5301		
1	2.2	2.4
2	0	0
3	4.7	4.7
IC5302		
1	2.6	2.6
2	2	2.0
3	0	0
4	1.2	1.2
5	4.9	4.8
Q5301		
E	27.9	27.9
C	31.7	31.6
B	28.4	28.4
Q5302		
E	53.3	53.2
C	53.3	53.1
B	0	0
Q5304		
1	0	0
2	4.9	4.9
3	28.8	28.7
4	28.8	28.7
5	0	0
6	0	0
Q5305		
E	10.6	10.6
C	12.3	12.4
B	11.2	11.2
Q5306		
E	5.0	5.0
C	5.7	5.8
B	5.7	5.7
Q5307		
E	11.3	11.3
C	11.3	11.3
B	10.5	10.6
Q5308		
E	0	0
C	0	0
B	2.7	2.7
Q5313		
E	12.7	12.6
C	12.6	12.7
B	11.9	11.9
Q5314		
E	5.3	5.3
C	5.3	5.2
B	4.6	4.6
Q5315		
E	0	0
C	0	0
B	4.9	4.9
CN5301		
1	5.0	5.0
2	10.5	10.5
3	31.0	31.0
4	53.3	53.2
5	2.7	2.7
6	-5.8	-5.8
7	0	0
8	0	0
9	4.9	4.9
10	5.8	5.8
11	4.9	4.9
12	12.3	12.3
13	0	0
14	27.9	27.9
15	0	0
CN5302		
1	11.3	11.3
2	0	0
CN5303		
1	12.7	12.7
2	0	0
3	0	0
4	5.3	5.3
CN5304		
1	4.9	4.9
2	2.0	2.0
3	1.9	2.0
4	3.5	3.5
5	4.9	4.9
6	5.8	5.7
7	0	0
8	0	0
9	0	0
10	0	
11	10.5	10.5
12	-5.7	-5.8
13	-30.4	-30.4

MODE PIN NO.	REC	PLAY
14	-21.6	-21.5
15	-16.3	-16.3

<JUNCTION>

MODE PIN NO.	REC	PLAY
IC5501		
1	2.6	2.6
2	0	0
3	0	0
4	1.3	1.3
5	4.8	4.9
6	0	0
7	0	0
8	3.4	3.4
IC5502		
1	5.0	5.0
2	0	0
3	0	0
4	3.4	3.4
5	4.8	4.9
6	0	0
7	0	0
8	5.7	5.7
IC5503		
1	5.0	5.0
2	0	0
3	0	0
4	3.4	3.4
5	4.9	4.9
6	0	0
7	4.2	4.2
IC7101		
1	5.0	5.0
2	2.3	2.3
3	4.8	4.7
4	1.1	1.1
5	0	0
6	1.6	1.5
7	0	0
8	2.4	2.4
9	3.1	3.2
10	1.6	1.6
11	0	0
12	2.2	2.3
13	4.7	4.8
14	2.3	2.3
15	0	0
16	2.4	2.4
17	0	0
18	2.3	2.2
19	0	0
20	2.1	2.1
21	2.1	2.1
22	0	0
23	2.1	2.0
24	0	0
25	0	0
26	2.4	2.4
27	0	0
28	5.0	5.0
IC8001		
1	0	0
2	0	0
3	0	0
4	-5.7	-5.8
5	0	0
6	0	0
7	0	0
8	8.9	8.6
IC8002		
1	2.5	2.5
2	2.5	2.5
3	0	0
4	2.5	2.5
5	0	0
6	5.0	5.0
7	0	3.3
8	0	0
9	1.2	1.2
10	1.6	1.6
11	1.6	1.6
12	0	0
13	3.1	3.1
14	3.2	3.2
15	0	0
16	0	0
IC8201		
1	0	0
2	1.2	1.3
3	1.3	1.3
4	-5.7	-5.8
5	1.3	1.3
6	1.3	1.3

MODE PIN NO.	REC	PLAY
7	0	0
8	8.9	8.9
IC8202		
1	1.6	1.6
2	1.6	1.6
3	1.6	1.6
4	1.6	1.6
5	3.2	3.2
6	3.2	3.2
7	2.6	2.6
8	0	0
9	2.4	2.4
10	2.4	2.4
11	2.4	2.3
12	2.4	2.4
13	0	0
14	4.8	4.9
15	0	0
16	0	0
Q5501		
E	-5.7	-5.8
C	-5.7	-5.8
B	-5.0	-5.1
Q5502		
E	5.7	5.7
C	5.7	5.7
B	0	0
Q5503		
E	-16.4	-16.4
C	-16.2	-16.3
B	-15.6	-15.5
Q5504		
E	0	0
C	0	0
B	4.9	4.8
Q5505		
E	5.7	5.7
C	5.6	5.7
B	0.4	0.4
Q5506		
E	0	0
C	0	0
B	5.0	5.0
Q7101		
E	1.6	1.7
C	0	0
B	1.2	1.2
Q8001		
E	0	0
C	0	0
B	-1.6	-1.7
Q8002		
E	0	0
C	0	0
B	-1.6	-1.7
Q8003		
E	0	0
C	5.0	5.0
B	0	0
Q8004		
E	0	0
C	4.9	5.0
B	0	0
Q8005		
E	5.0	5.0
C	-1.6	-1.7
B	5.0	5.0
CN5501		
1	4.9	4.9
2	1.9	1.9
3	1.9	1.9
4	3.4	3.4
5	4.9	4.9
6	5.8	5.7
7	0	0
8	0	0
9	0	0
10	0	0
11	10.6	10.6
12	-5.7	-5.8
13	-30.4	-30.4
14	-21.5	-21.5
15	-16.3	-16.3
CN7102		
1	4.8	4.8
2	4.7	4.8
3	4.9	5.0
4	4.1	-
5	-	-
6	0.5	0.6
7	-	-
8	0	0
9	4.9	4.8
10	0	0
11	0	0
12	0	0
13	4.8	4.8

MODE PIN NO.	REC	PLAY
14	0	0
15	0	0
CN7103		
1	-21.4	-21.4
2	-30.3	-30.3
3	-16.4	-16.4
4	0	0
CN7105		
1	3.1	3.2
2	0	0
3	3.2	3.2
4	3.2	3.2
CN7106		
1	3.2	3.2
2	3.2	3.2
3	0	0
4	8.2	3.2
CN7107		
1	2.1	2.1
2	2.1	2.1
3	0	0
4	2.1	2.1
5	0	0
6	2.4	2.4
7	0	0
8	0	0
9	2.0	2.1
10	0	0
11	2.4	2.4
12	0	0
13	2.4	2.4
CN7108		
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	1.2	1.2
7	0	0
8	0	0
9	0	0
10	1.1	1.1
11	1.1	1.1
12	0	0
13	3.2	3.2
14	1.1	1.0
15	0	0
16	0	0
17	0	0
18	2.5	2.5
19	1.6	1.6
20	1.8	1.8
21	3.2	3.2
22	0	0
23	3.3	3.2
24	1.6	1.6
25	0	0
26	1.6	1.6
27	2.8	2.6
28	1.6	1.6
CN7109		
1	0	0
2	4.3	3.9
3	0	0
4	1.9	2.8
5	1.3	1.2
6	5.0	4.9
7	4.9	4.9
8	0	0
9	0	0
10	5.0	5.0
11	0	0
12	0	0
13	0.5	0.5
14	5.0	5.0
15	0	0
16	3.2	3.3
17	0	0
18	0	0
19	1.6	1.6
20	0	0
21	1.8	1.8
22	1.7	1.8
23	1.8	1.8
24	1.8	1.8
25	2.5	2.5
26	2.5	2.5
27	3.2	3.2
28	3.2	3.2
CN7123		
1	2.3	2.5
2	0	0
3	1.8	1.8
4	0	0
CN7124		
1	3.2	3.2
2	0	0

MODE PIN NO.	REC	PLAY
3	3.2	3.2
4	3.2	3.2
CN8001		
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	3.2	3.2
11	1.6	1.6

<SWITCH/DISPLAY>

MODE PIN NO.	REC	PLAY
IC7001		
1	5.0	5.0
2	0	0
3	5.0	5.0
4	0	0
5	2.8	2.8
6	4.7	4.6
7	1.3	1.5
8	4.4	4.1
9	3.1	3.0
10	0	0
11	0	0
12	0	0
13	5.0	5.0
14	-27.3	-24.7
15	-29.7	-27.0
16	-27.3	-15.0
17	-29.7	-29.5
18	-29.7	-29.6
19	-27.3	-27.2
20	-27.3	-22.3
21	-27.3	-19.9
22	-17.6	-24.8
23	-17.4	-22.3
24	-27.2	-17.4
25	-27.3	-22.3
26	-29.7	-29.6
27	-27.3	-27.2
28	-29.7	-29.5
29	-27.3	-17.5
30	-30.3	-30.3
31	-29.2	-29.1
32	-29.3	-29.2
33	-29.3	-29.2
34	-29.2	-29.2
35	-29.2	-29.1
36	-29.2	-29.1
37	-29.2	-29.1
38	-29.2	-29.1
39	-29.2	-29.1
40	-29.2	-29.1
41	-29.2	-29.1
42	-29.2	-29.1
43	5.0	5.0
44	0	0
IC7002		
1	5.0	5.0
2	5.0	5.0
3	0	0
CN7001		
1	3.5	3.6
2	3.8	3.8
3	0	0
4	0	0
5	0	0
6	5.0	5.0
7	5.0	5.0
8	4.3	4.1
9	4.8	4.9
10	1.2	1.2
11	3.5	2.8
CN7002		
1	0	0
2	-16.4	-16.3
3	-30.3	-30.3
4	-21.4	-21.4
FW7001		
1	1.1	3.0
2	1.1	1.7
3	0	0
4	0	0

<OPERATION/JACK>

MODE PIN NO.	REC	PLAY
CN7201		
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
CN7202		
1	1.1	3.0
2	1.1	1.7
3	0	0
4	0	0

<JACK>

MODE PIN NO.	REC	PLAY
CN4104	-	-

<S-SUB/3D>

MODE PIN NO.	REC	PLA
IC501		
1	0.5	2.
2	4.9	4.
3	2.8	2.
4	4.9	4.
5	3.3	3.
6	4.9	4.
7	3.1	3.
8	0	2.
9	4.7	4.
10	4.7	4.
11	4.9	4.
12	2.3	2.
13	2.7	2.
14	2.5	2.
15	0	
16	2.3	2.
17	2.8	2.
18	2.3	2.
19	0	
20	3.1	2.
21	0	
22	0	
23	0	
24	2.2	2.
25	0	
26	2.3	2.
27	2.2	2.
28	2.2	2.
29	0	2.
30	3.5	
31	0	2.
32	0.1	2.
33	3.3	3.
34	4.9	
35	0	
36	2.5	2.
37	2.7	2.
38	2.8	2.
39	2.8	2.
40	3.0	2.
41	1.5	1.
42	0.9	
43	2.3	
44	2.4	2.
45	3.1	3.
46	4.2	4.
47	2.4	2.
48	0	
49	2.8	2.
50	4.2	4.
51	2.8	2.
52	2.8	2.
53	0	4.
54	0.5	2.
55	0	
56	2.8	2.
IC1401		
1	0	0.
2	0	
3	3.4	
4	3.4	3.
5	2.5	2.
6	0	
7	2.5	
8	0.7	0.
9	0	
10	0	
11	3.6	3.
12	4.5	4.
13	0	
14	2.5	2.
15	2.4	2.
16	3.4	
17	0.6	0.
18	0	
19	0.1	0.
20	1.0	1.
21	1.0	1.
22	3.4	3.
23	2.1	
24	1.5	1.
25	2.7	2.
26	0.5	0.
27	2.7	2.
28	0.5	0.
29	1.5	1.
30	0	
31	1.6	1.
32	3.4	3.
33	1.4	1.
34	0	
35	0	
36	0.5	0.
37	3.4	3.
38	2.1	2.
39	1.3	1.

SUB/3D>

ODE NO.	REC	PLAY
501		
1	0.5	2.9
2	4.9	4.7
3	2.8	2.8
4	4.9	4.9
5	3.3	3.3
6	4.9	4.9
7	3.1	3.1
8	0	2.7
9	4.7	4.6
10	4.7	4.7
11	4.9	4.9
12	2.3	2.3
13	2.7	2.8
14	2.5	2.4
15	0	0
16	2.3	2.3
17	2.8	2.7
18	2.3	2.3
19	0	0
20	3.1	2.1
21	0	0
22	0	0
23	0	0
24	2.2	2.2
25	0	0
26	2.3	2.3
27	2.2	2.3
28	2.2	2.3
29	0	2.3
30	3.5	0
31	0	2.3
32	0.1	2.3
33	3.3	3.3
34	4.9	0
35	0	0
36	2.5	2.1
37	2.7	2.7
38	2.8	2.8
39	2.8	2.8
40	3.0	2.9
41	1.5	1.6
42	0.9	0
43	2.3	0
44	2.4	2.7
45	3.1	3.1
46	4.2	4.2
47	2.4	2.3
48	0	0
49	2.8	2.8
50	4.2	4.2
51	2.8	2.8
52	2.8	2.8
53	0	4.2
54	0.5	2.7
55	0	0
56	2.8	2.8
1401		
1	0	0.3
2	0	0
3	3.4	0
4	3.4	3.4
5	2.5	2.5
6	0	0
7	2.5	0
8	0.7	0.7
9	0	0
10	0	0
11	3.6	3.6
12	4.5	4.7
13	0	0
14	2.5	2.5
15	2.4	2.4
16	3.4	0
17	0.6	0.6
18	0	0
19	0.1	0.2
20	1.0	1.0
21	1.0	1.0
22	3.4	3.4
23	2.1	0
24	1.5	1.4
25	2.7	2.6
26	0.5	0.6
27	2.7	2.6
28	0.5	0.5
29	1.5	1.5
30	0	0
31	1.6	1.6
32	3.4	3.4
33	1.4	1.6
34	0	0
35	0	0
36	0.5	0.5
37	3.4	3.4
38	2.1	2.1
39	1.3	1.2

MODE PIN NO.	REC	PLAY
40	1.1	0
41	3.4	3.4
42	2.5	0
43	0	0
44	3.4	3.4
45	3.4	0
46	2.5	0
47	0	0
48	0	0
49	0	0
50	0	0
51	0	0
52	0	0
53	0	0
54	0	0
55	3.4	3.4
56	0	0
57	0	0
58	0	0
59	0	0
60	3.4	3.4
61	3.4	3.4
62	1.7	1.7
63	3.4	3.4
64	0	0
65	0	0
66	0	0
67	0	0
68	0	0
69	3.4	3.4
70	3.4	3.4
71	0	0
72	0	0
73	0	0
74	0	0
75	0	0
76	0	0
77	2.5	2.4
78	0	0
79	0	0
80	0	0
Q1401		
E	3.4	3.4
C	4.6	4.6
B	4.1	4.1
Q1402		
E	1.2	1.3
C	0	0
B	0.6	0.6
Q1406		
E	1.0	1.0
C	0	0
B	0.4	0.4
Q1408		
E	1.5	1.4
C	4.6	4.6
B	2.1	2.1
Q1410		
E	0	2.0
C	4.6	4.6
B	0.5	2.7
Q1412		
E	1.0	1.0
C	0	0
B	0.4	0.4
Q1415		
E	0	0
C	0	0
B	1.8	1.8
Q1416		
E	0	0
C	3.4	3.3
B	0	0
Q1418		
E	3.0	3.0
C	0	0
B	2.4	2.2
Q1419		
E	3.6	3.6
C	4.6	4.7
B	4.3	4.3
CN501		
1	0	0
2	4.9	5.0
3	2.3	2.2
4	0	0
5	2.4	2.3
6	0	0
7	2.3	2.3
8	0	0
9	0.2	0.1
10	0.1	0
11	0	0
CN502		
1	0	0
2	0	0
3	2.1	2.1

MODE PIN NO.	REC	PLAY
4	0.1	0
5	2.0	2.1
6	0	0
7	2.2	2.2
CN503		
1	4.9	5.0
2	4.7	4.7
3	4.6	4.7
4	0	0
5	0	0
6	0.7	0.7
7	2.5	2.5
8	0	0
9	2.5	2.5
CN504		
1	2.3	2.3
2	0	0
3	1.9	2.3
4	4.2	4.2
5	1.5	1.6
6	2.8	2.7
7	0	0
8	2.4	2.1
9	0	0
10	2.3	2.3

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(No.YD045)

Printed in Japan
VPT

PARTS LIST

[SR-MV50US]

* SAFETY PRECAUTION
  Parts identified by the ⚠ symbol are critical for safety. Replace only with specified part numbers.
* BEWARE OF BOGUS PARTS
  Parts that do not meet specifications may cause trouble in regard to safety and performance. We recommend that genuine JVC parts be used.
* (x_) in a description column shows the number of the used part.

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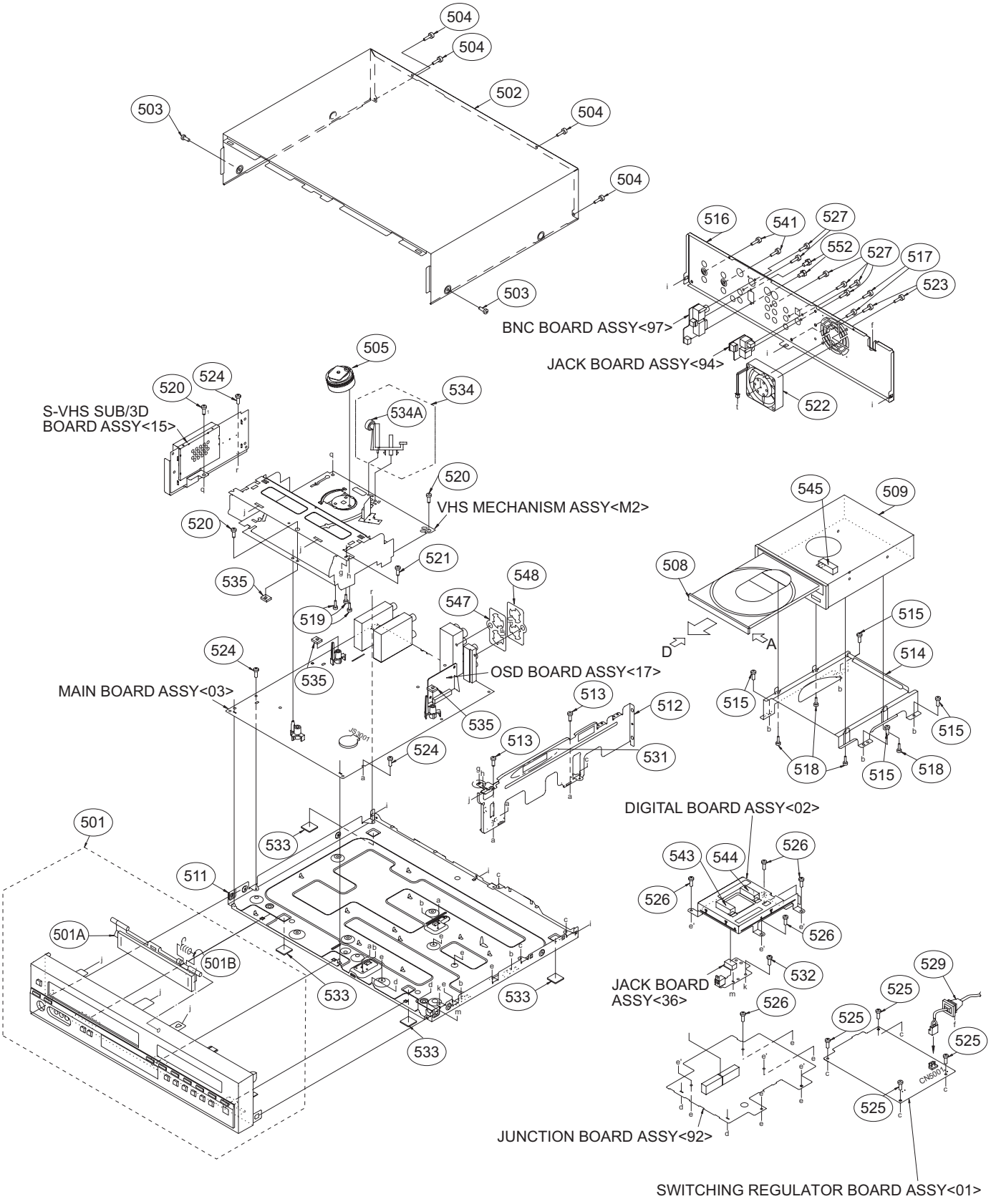
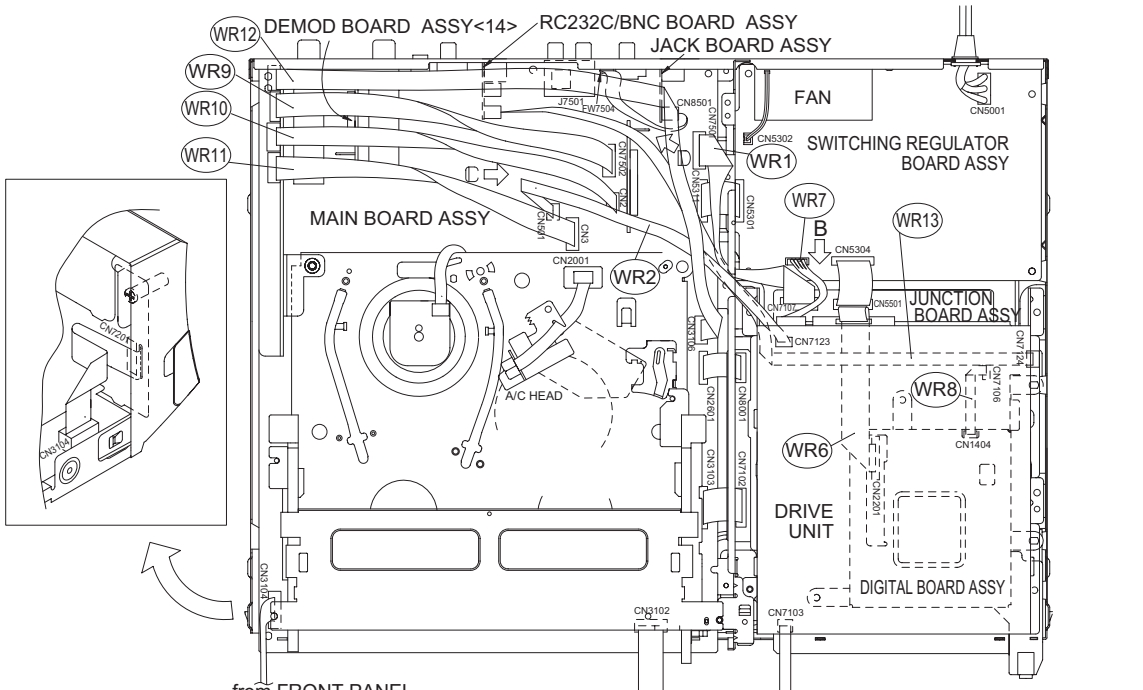
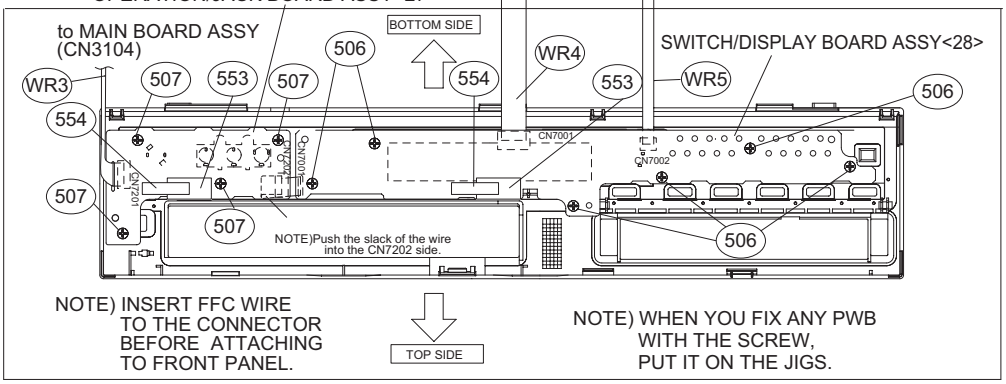
Electrical parts list 3-8
Packing materials and accessories parts list 3-24

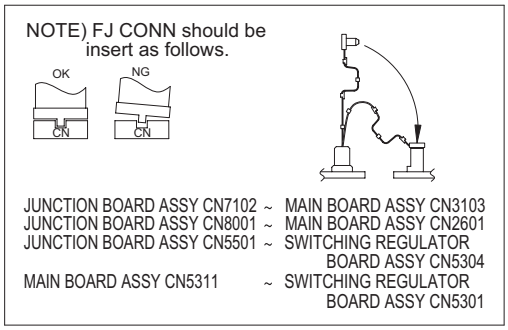
Exploded view of general assembly and parts list

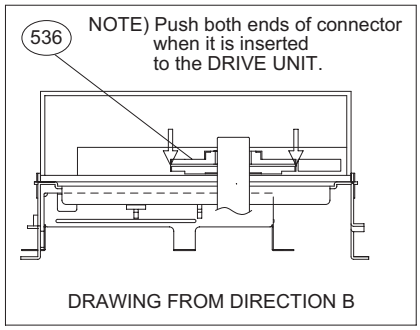
Block No. M1MM

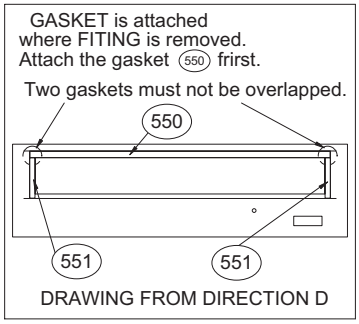


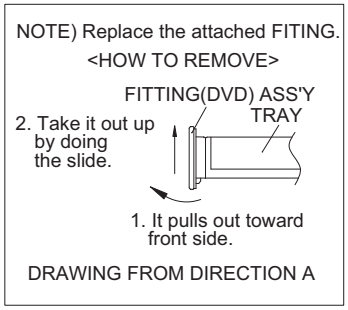

WR12
DEMOD BOARD ASSY<14>
RC232C/BNC BOARD ASSY
JACK BOARD ASSY
WR9
WR10
WR11
FAN
CN5001
SWITCHING REGULATOR
BOARD ASSY
WR1
WR7
WR13
B
MAIN BOARD ASSY
WR2
JUNCTION
BOARD ASSY
A/C HEAD
WR8
WR6
DRIVE
UNIT
DIGITAL BOARD ASSY
from FRONT PANEL
(OPERATION/JACK CN7201)


OPERATION/JACK BOARD ASSY<27>
to MAIN BOARD ASSY
(CN3104)
BOTTOM SIDE
SWITCH/DISPLAY BOARD ASSY<28>
WR3
WR4
WR5
NOTE)Push the slack of the wire
into the CN7202 side.
NOTE) INSERT FFC WIRE
TO THE CONNECTOR
BEFORE ATTACHING
TO FRONT PANEL.
TOP SIDE
NOTE) WHEN YOU FIX ANY PWB
WITH THE SCREW,
PUT IT ON THE JIGS.


NOTE) FJ CONN should be
insert as follows.
OK
NG
JUNCTION BOARD ASSY CN7102 ~ MAIN BOARD ASSY CN3103
JUNCTION BOARD ASSY CN8001 ~ MAIN BOARD ASSY CN2601
JUNCTION BOARD ASSY CN5501 ~ SWITCHING REGULATOR
BOARD ASSY CN5304
MAIN BOARD ASSY CN5311 ~ SWITCHING REGULATOR
BOARD ASSY CN5301


536
NOTE) Push both ends of connector
when it is inserted
to the DRIVE UNIT.
DRAWING FROM DIRECTION B


GASKET is attached
where FITING is removed.
Attach the gasket (550) frirst.
Two gaskets must not be overlapped.
550
551
551
DRAWING FROM DIRECTION D


NOTE) Replace the attached FITING.
<HOW TO REMOVE>
FITTING(DVD) ASS'Y
TRAY
2. Take it out up
by doing
the slide.
1. It pulls out toward
front side.
DRAWING FROM DIRECTION A

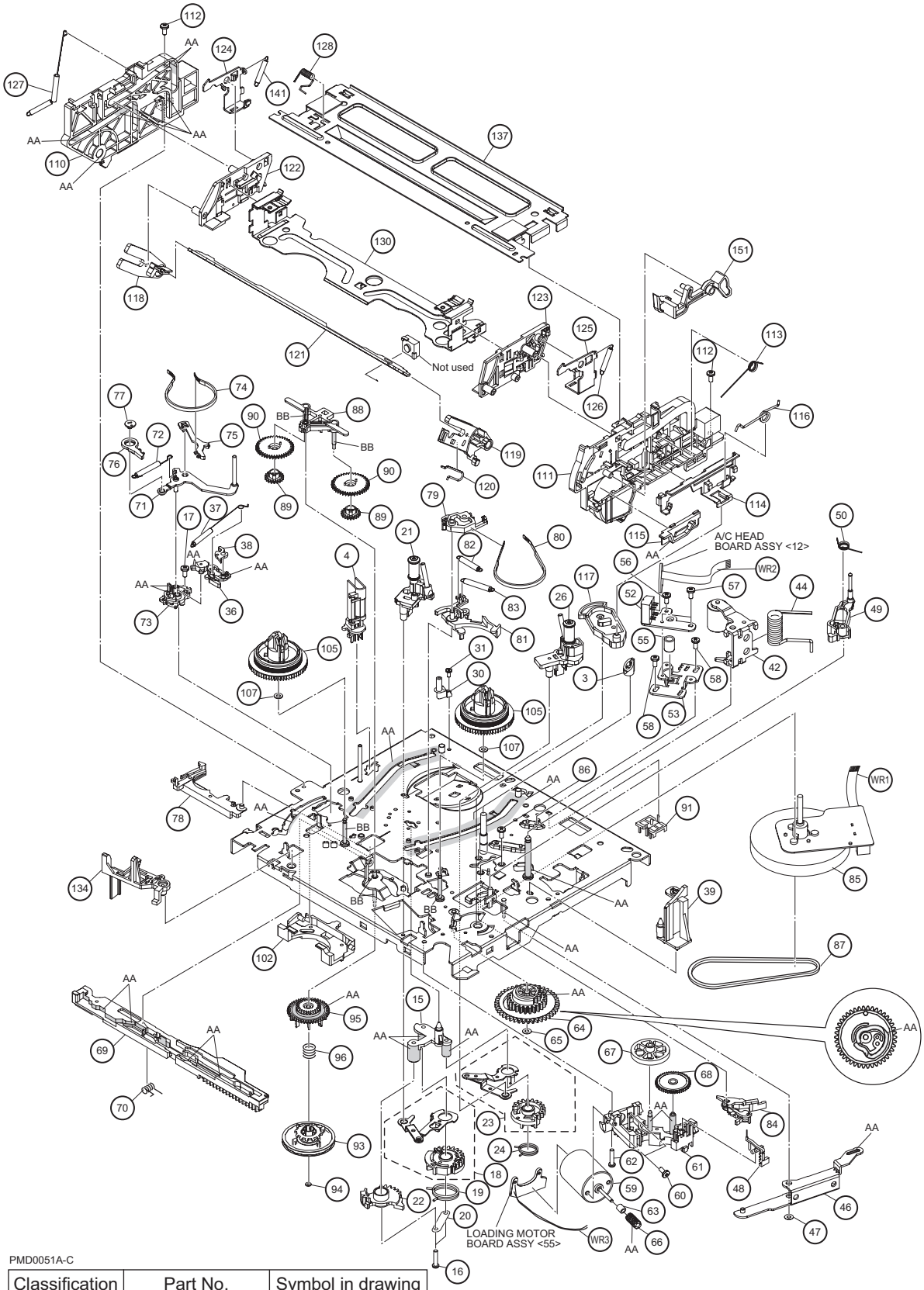
General assembly

Block No. [M][1][M][M]

⚠ Symbol No.	Part No.	Part Name	Description	Local
⚠501	LP10574-003C	FRONT PANEL ASSY		
501A	LP21308-003A	CASSETTE DOOR		
501B	PQ46448	TORSION SPRING		
⚠502	LP10460-014A	TOP COVER		
503	QYSBSG3006MA	TAP SCREW	M3 x 6mm TOP SIDE(x2)	
504	QYSBSG3006MA	TAP SCREW	M3 x 6mm TOP REAR(x4)	
505	PDV2542A	DRUM FINAL ASSY		
506	QYTDSF2608ZA	TAP SCREW	M2.6 x 8mm SWITCH/DISPLAY(x6)	
507	QYTDSF2608ZA	TAP SCREW	M2.6 x 8mm OPERATION/JACK(x4)	
508	LP21348-002B	FITTING(DVD)		
⚠509	QAL0651-001	DRIVE UNIT		
⚠511	LP10525-001E	BOTTOM CHASSIS		
512	LP21222-001B	BRACKET(CENTER)		
513	LP31391-001A	SPECIAL SCREW	BRACKET(CENTER)(x2)	
514	LP21299-001B	LOADER BRACKET		
515	LP31391-001A	SPECIAL SCREW	BRACKET(DVD)(x4)	
⚠516	LP21134-019B	REAR COVER		
517	QYSBSG3006NA	TAP SCREW	M3 x 6mm REAR COVER(x2)	
518	QYTDST3006ZA	TAP SCREW	M3 x 6mm DRIVE UNIT(x4)	
519	QYSPSPD3008ZA	SCREW	M3 x 8mm DRUM(x3)	
520	LP31391-002A	SPECIAL SCREW	MECHANISM(x3)	
521	LP31391-001A	SPECIAL SCREW	HOUSING	
522	QAR0349-001	FAN MOTOR		
523	QYTDSF3008MA	TAP SCREW	M3 x 8mm FAN(x2)	
524	LP31391-001A	SPECIAL SCREW	MAIN(x3)	
525	LP31391-001A	SPECIAL SCREW	SWITCHING REGULAOR(x4)	
526	LP31391-001A	SPECIAL SCREW	JUNCTION(x5)	
527	QYTDSF3008MA	TAP SCREW	M3 x 8mm JACK(x6)	
⚠529	QMPD630-170-JC	POWER CORD(JP)	1.7m BLACK	
531	LP31390-001A	BARCODE LABEL		
532	LP31391-001A	SPECIAL SCREW	JACK	
533	LP31348-001A	FOOT	(x4)	
534	LP40910-002G	HEAD CLEANER ASSY		
534A	PQ46419-2	CLEANER		
535	LP41140-001A	INSULATOR	(x3)	
536	QGZ0021A1-40	CONNECTOR	(1-40)	
541	QYTDST3005MA	TAP SCREW	M3 x 5mm TUNER(x2)	
543	LP41171-001A	SHIELD TIGHT		
544	LP41171-001A	SHIELD TIGHT		
545	LP41171-001A	SHIELD TIGHT		
547	LP31345-001A	EARTH PLATE		
548	LP31345-001A	EARTH PLATE		
550	LP41217-001A	GASKET		
551	LP41218-001A	GASKET	(x2)	
552	QNB0037-001	CONN ACCESSORY	(x2)	
553	LP41206-001A	SHEET	(x2)	
554	LP30002-0A9A	SPACER	(x2)	
WR 1	QUQ112-1318CG	FFC WIRE	JUNCTION CN7107-MAIN CN7501	
WR 2	QUQ212-0422CG	FFC WIRE	JUNCTION CN7123-MAIN CN501	
WR 3	QUQ112-0910CG	FFC WIRE	OPERATION/JACK CN7201-MAIN CN3104	
WR 4	QUQ112-1110CG	FFC WIRE	SWITCH/DISPLAY CN7001-MAIN CN3102	
WR 5	QUQ212-0410CG	FFC WIRE	SWITCH/DISPLAY CN7002-JUNCTION CN7103	
WR 6	QUQ105-4020AF	FFC WIRE	DRIVE UNIT-DIGITAL CN2201	
WR 7	QJJ032-040804	SIN CR C-C WIRE	DRIVE UNIT-SWITCHING REGULATOR CN5303	
WR 8	QUQ210-0406CC	FFC WIRE	DIGITAL CN1404-JUNCTION CN7106	
WR 9	QUQ112-1124CG	FFC WIRE	S-VHS SUB CN501-MAIN CN7502	
WR10	QUQ112-0724CG	FFC WIRE	S-VHS SUB CN502-MAIN CN2	
WR11	QUQ112-1022CG	FFC WIRE	S-VHS SUB CN504-MAIN CN3	
WR12	QUQ112-0940CG	FFC WIRE	S-VHS SUB CN503-MAIN CN3106	
WR13	QUQ212-0438CG-E	FFC WIRE	RC232C/BNC CN7401-JUNCTION CN7124	

VHS mechanism assembly and parts list

Block No. M2MM



Classification	Part No.	Symbol in drawing
Grease	KYODO-SH-JB	AA
Oil	COSMO-HV56	BB

NOTE: The section marked in **AA** and **BB** indicate lubrication and greasing areas.

VHS mechanism

Block No. [M][2][M][M]

⚠ Symbol No.	Part No.	Part Name	Description	Local
3	LP40097-002E	GUIDE POLE CAP		
4	NAH0004-001	FULL ERASE HEAD		
15	LP30958-001B	LOADING GEAR BASE		
16	QYTPST2620ZA	TAP SCREW		M2.6 x 20mm(x2)
17	QYTDST2606ZA	TAP SCREW		M2.6 x 6mm
18	LP40798-002A	LOADING GEAR(SUPPLY) ASSY		
19	LP40837-001A	TORSION SPRING(SUP)		
20	LP40903-004A	FIXING PLATE		
21	LP40806-001D	POLE BASE ASSY(SUPPLY)		
22	LP30959-001B	LOADING GEAR		
23	LP40802-002A	LOADING GEAR(TAKE UP) ASSY		
24	LP40838-001A	TORSION SPRING(TAKE UP)		
26	LP40808-001E	POLE BASE ASSY(T)		
30	LP31020-005A	ARM BASE		
31	QYTDST2606ZA	TAP SCREW		M2.6 x 6mm
36	LP21055-001G	TAKE UP LEVER		
37	LP40943-001A	TENSION SPRING		
38	LP40859-001D	T-UP HEAD		
39	LP30961-001C	LID GUIDE		
42	LP40810-003A	PINCH ROLLER ARM ASSY		
44	LP40840-001E	TORSION SPRING		
46	LP30963-002A	PRESS LEVER		
47	PQM30017-24	SLIT WASHER		
48	LP40930-002F	S-SWITCH		
49	LP40813-001D	GUIDE ARM ASSY		
50	LP40841-001A	TORSION SPRING		
52	NAH0005-001	AC HEAD		
53	LP30965-003A	HEAD BASE		
55	LP40842-001D	COMPRESSION SPRING		
56	QYTDST2006MA	TAP SCREW		M2 x 6mm
57	LP41036-002A	A/C ADJ.SCREW		(x2)
58	QYTDST2606ZA	TAP SCREW		M2.6 x 6mm(x2)
59	QAR0289-001	LOADING MOTOR		
60	QYTPSP3003ZA	SCREW		M3 x 3mm(x2)
61	LP21056-002J	MOTOR BRACKET		
62	QYTPST2620ZA	TAP SCREW		M2.6 x 20mm
63	LP40814-001B	WORM BEARING		
64	LP21044-001E	CONTROL CAM		
65	PQM30017-24	SLIT WASHER		
66	LP40815-001A	WORM GEAR		
67	LP40816-001B	HELICAL GEAR		
68	LP40817-001A	CONNECT GEAR		
69	LP10400-001N	CONTROL PLATE		
70	LP40843-001A	TORSION SPRING		
71	LP40818-002A	TENSION ARM ASSY		
72	LP40844-001F	TENSION SPRING		
73	LP21045-001E	TENSION ARM BASE		
74	LP40821-001A	TENSION BAND ASSY		
75	LP30967-001B	BAND HOLDER-1		
76	LP30968-001C	BAND HOLDER-2		
77	LP40822-002B	ADJUST PIN		
78	LP31000-005E	TENSION ARM LEVER		
79	LP21046-001C	MAIN BRAKE(TAKE UP)		
80	LP40824-001A	BAND BRAKE ASSY		
81	LP30969-002B	BRAKE LEVER		
82	LP30003-033C	TENSION SPRING		
83	LP30003-035C	TENSION SPRING		
84	LP40825-001B	CAPSTAN BRAKE ASSY		
⚠ 85	QAR0267-003	CAPSTAN MOTOR		
86	QYTPSG2606ZA	TAP SCREW		M2.6 x 6mm(x3)
87	LP30005-010A	BELT		CAPSTAN MOTOR
88	LP30970-001B	IDLER ARM		
89	LP40828-004A	IDLER GEAR 1		(x2)
90	LP40829-002A	IDLER GEAR 2		(x2)
91	LP31014-002A	WIRE HOLDER		
93	LP40934-001B	CLUTCH UNIT		
94	PQM30017-47	SLIT WASHER		
95	LP30973-001A	DIRECT GEAR		
96	LP40939-001A	COMPRESSION SPRING		
102	LP30974-001C	CHANGE LEVER		
105	LP21049-001A	REEL DISK		(x2)
107	LP30017-004A	SPACER		REEL DISK(x2)
110	LP10401-001L	SIDE FRAME(L)		
111	LP10402-001M	SIDE FRAME(R)		
112	QYTDST2606ZA	TAP SCREW		M2.6 x 6mm(x2)
113	LP40917-001D	TORSION SPRING		
114	LP30976-002B	SIDE PLATE		
115	LP30977-002E	LIMIT PLATE		
116	LP40846-001C	LIMIT SPRING		

⚠ Symbol No.	Part No.	Part Name	Description	Local
117	LP31100-002A	DRIVE LEVER		
118	LP30978-001B	DRIVE ARM(L)		
119	LP30979-001S	DRIVE ARM(R)		
120	LP40847-001B	TORSION SPRING		
121	LP30980-002A	CONNECT PLATE		
122	LP10403-001C	SIDE HOLDER(L)		
123	LP10404-001E	SIDE HOLDER(R)		
124	LP30983-002A	LOCK LEVER(L)		
125	LP30984-002A	LOCK LEVER(R)		
126	LP40924-001D	TENSION SPRING		
127	LP40972-001A	EARTH SPRING(1)		
128	LP40857-001B	EARTH SPRING(2)		
130	LP30981-003B	CASSETTE HOLDER ASSY		
134	LP21051-002C	REC SAFETY LEVER		
137	LP21052-002A	TOP FRAME		
141	LP40924-001D	TENSION SPRING		
151	LP30985-002M	DOOR OPENER		
WR1	WJT0117-001A	E-CARD WIRE		DRUM
WR2	WJT0067-001B	E-CARD WIRE		A/C HEAD CN2001
WR3	WJS0022-001A	E-FL/RB WIRE		LOADING MOTOR

Electrical parts list

Switching reglator board

Block No. [0][1]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10271-01C1	SWITCHING REGLATOR BOARD ASSY		
IC5101	STR-G6653-F9	IC		
IC5301	UTCTL431-T	IC		
IC5301 or	MM1431AT-T	IC		
IC5301 or	L5431-T	IC		
IC5301 or	TL431/A/-T	IC		
IC5302	PQ5EV3	IC		
Q5301	2SC5739/QP/	TRANSISTOR		
Q5301 or	2SD2394/EF/	TRANSISTOR		
Q5302	DTA144WUA-X	DIGI TRANSISTOR		
Q5302 or	UN511E-X	DIGI TRANSISTOR		
Q5302 or	RN2309-X	DIGI TRANSISTOR		
Q5302 or	PDTA144WU-X	DIGI TRANSISTOR		
Q5304	UMD12N-W	DIGI TRANSISTOR		
Q5304 or	XP4313-W	DIGI TRANSISTOR		
Q5305	2SD2144S/UV/-T	TRANSISTOR		
Q5305 or	2SC3576-JVC-T	TRANSISTOR		
Q5306	2SC5739/QP/	TRANSISTOR		
Q5307	2SA1585S/QR/-T	TRANSISTOR		
Q5308	PDTC114EU-X	DIGI TRANSISTOR		
Q5308 or	DTC114EUA-X	DIGI TRANSISTOR		
Q5308 or	UN5211-X	DIGI TRANSISTOR		
Q5308 or	RN1302-X	DIGI TRANSISTOR		
Q5313	2SA1585S/QR/-T	TRANSISTOR		
Q5314	2SA1585S/QR/-T	TRANSISTOR		
Q5315	PDTC114EU-X	DIGI TRANSISTOR		
Q5315 or	DTC114EUA-X	DIGI TRANSISTOR		
Q5315 or	UN5211-X	DIGI TRANSISTOR		
Q5315 or	RN1302-X	DIGI TRANSISTOR		
D5001	GBJ4J	BRIDGE DIODE		
D5001 or	D3SBA60	DIODE		
D5101	SARS01-T2	SI DIODE		
D5103	1F4G-T2	FR DIODE		
D5103 or	10ERB20-T2	FR DIODE		
D5103 or	ERA18-02-T2	FR DIODE		
D5103 or	AU01Z-T2	FR DIODE		
D5103 or	1SR153-400-T2	FR DIODE		
D5104	1SS133-T2	DIODE		
D5104 or	1SS270A-T2	SI DIODE		
D5105	10ERB20-T2	FR DIODE		
D5105 or	ERA18-02-T2	FR DIODE		
D5105 or	AU01Z-T2	FR DIODE		
D5105 or	1SR153-400-T2	FR DIODE		
D5105 or	1F4G-T2	FR DIODE		
D5106	10ERB20-T2	FR DIODE		
D5106 or	ERA18-02-T2	FR DIODE		
D5106 or	AU01Z-T2	FR DIODE		
D5106 or	1SR153-400-T2	FR DIODE		
D5106 or	1F4G-T2	FR DIODE		
D5201	1SR156-400-X	SI DIODE		
D5202	1SR156-400-X	SI DIODE		
D5203	RL2Z-LFB2	FRD		
D5204	D1FS4A-X	SB DIODE		
D5205	RK34-LFB2	SB DIODE		
D5207	D1FS4A-X	SB DIODE		
D5208	RK34-LFB2	SB DIODE		
D5209	RK34-LFB2	SB DIODE		
D5210	1F4G-T2	FR DIODE		
D5210 or	PG104RS-T2	FR DIODE		
D5210 or	10ERB20-T2	FR DIODE		
D5210 or	1SR153-400-T2	FR DIODE		
D5210 or	ERA18-02-T2	FR DIODE		
D5211	ERA18-02-T2	FR DIODE		
D5211 or	1SR153-400-T2	FR DIODE		
D5211 or	10ERB20-T2	FR DIODE		
D5211 or	1F4G-T2	FR DIODE		
D5212	D1FS4A-X	SB DIODE		
D5213	1F4G-T2	FR DIODE		
D5213 or	10ERB20-T2	FR DIODE		
D5213 or	ERA18-02-T2	FR DIODE		
D5213 or	AU01Z-T2	FR DIODE		
D5213 or	1SR153-400-T2	FR DIODE		
D5301	MTZJ15A-T2	Z DIODE		
D5301 or	RD15ES/B1/-T2	Z DIODE		
D5302	MTZJ27D-T2	Z DIODE		
D5302 or	RD27ES/B4/-T2	Z DIODE		
D5303	MTZJ11C-T2	Z DIODE		
D5303 or	RD11ES/B3/-T2	Z DIODE		
D5304	MTZJ5.6C-T2	Z DIODE		
D5304 or	RD5.6ES/B3/-T2	Z DIODE		
D5306	RK34-LFB2	SB DIODE		
D5307	RK34-LFB2	SB DIODE		
D5308	RK34-LFB2	SB DIODE		
D5309	1S4-T2	SB DIODE		
D5309 or	SBO40-T2	SB DIODE		
D5309 or	AW04-T2	SB DIODE		
D5312	1SS133-T2	DIODE		
D5312 or	1SS270A-T2	SI DIODE		
D5313	1A3G-T2	SI DIODE		
D5313 or	ERA15-02-T2	SI DIODE		
D5313 or	10EDB20-T2	SI DIODE		
⚠ PC5101	PC123Y22FZ	PHOTO COUPLER		
⚠ C5001	QFZ9073-683	MM CAPACITOR	0.068uF AC250V	M
⚠ C5002	QFZ9073-223	MM CAPACITOR	0.022uF AC250V	M
C5003	QEZ0639-337	E CAPACITOR	330uF 200V	M
⚠ C5004	QCZ9079-472	C CAPACITOR	4700pF AC250V	M
⚠ C5005	QCZ9079-101	C CAPACITOR	100pF AC250V	K
C5101	QCZ0339-101Z	C CAPACITOR	100pF 1kV	K
C5102	QCZ0349-472Z	C CAPACITOR	4700pF 1kV	K
C5103	QEMU1VM-276Z	E CAPACITOR	27uF 35V	M
C5104	QCZ0136-471Z	C CAPACITOR	470pF 1kV	K
C5105	QFLC1HJ-471Z	M CAPACITOR	470pF 50V	J
C5106	NCB21HK-103X	C CAPACITOR	0.01uF 50V	K
C5107	NCB21HK-221X	C CAPACITOR	220pF 50V	K
C5201	QEMX1VM-127Z	E CAPACITOR	120uF 35V	M
C5202	QETN2AM-475Z	E CAPACITOR	4.7uF 100V	M
C5203	QEMT1CM-687	E CAPACITOR	680uF 16V	M
C5204	QEMT1CM-687	E CAPACITOR	680uF 16V	M
C5205	QECS1AM-158	E CAPACITOR	1500uF 10V	M
C5206	QECS1AM-128	E CAPACITOR	1200uF 10V	M
C5207	QECS0JM-478	E CAPACITOR	4700uF 6.3V	M
C5208	QEMT1AM-108	E CAPACITOR	1000uF 10V	M
C5209	QEMU1HM-186Z	E CAPACITOR	18uF 50V	M
C5210	QEMX0JM-227Z	E CAPACITOR	220uF 6.3V	M
C5301	QFVF1HJ-154Z	MF CAPACITOR	0.15uF 50V	J
C5302	QFLC1HJ-333Z	M CAPACITOR	0.033uF 50V	J
C5303	QETN1CM-107Z	E CAPACITOR	100uF 16V	M
C5304	QETN1CM-107Z	E CAPACITOR	100uF 16V	M
C5305	QETN1AM-107Z	E CAPACITOR	100uF 10V	M
C5306	QETN1AM-107Z	E CAPACITOR	100uF 10V	M
C5307	QETN1CM-107Z	E CAPACITOR	100uF 16V	M
C5308	QETN1CM-107Z	E CAPACITOR	100uF 16V	M
C5309	QETN1VM-476Z	E CAPACITOR	47uF 35V	M
C5310	QETN1HM-225Z	E CAPACITOR	2.2uF 50V	M
C5311	QETN1AM-107Z	E CAPACITOR	100uF 10V	M
C5312	QETN1AM-107Z	E CAPACITOR	100uF 10V	M
C5313	NCB21HK-471X	C CAPACITOR	470pF 50V	K
C5314	QETN1AM-107Z	E CAPACITOR	100uF 10V	M
C5315	NCB21HK-103X	C CAPACITOR	0.01uF 50V	K
⚠ R5001	QRZ9046-475Z	C RESISTOR	4.7MΩ 1/2W	K
R5101	QRG02GJ-683	OMF RESISTOR	68kΩ 2W	J
R5102	NRSA02J-122X	MG RESISTOR	1.2kΩ 1/10W	J
R5103	QRE141J-684Y	C RESISTOR	680kΩ 1/4W	J
R5104	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W	J
R5105	QRE141J-680Y	C RESISTOR	68Ω 1/4W	J
R5106	QRE141J-392Y	C RESISTOR	3.9kΩ 1/4W	J
R5107	NRSA02J-681X	MG RESISTOR	680Ω 1/10W	J
R5108	QRT01DJ-R33X	MF RESISTOR	0.33Ω 1W	J
⚠ R5109	QRZ9005-470X	FUSI RESISTOR	47Ω 1/4W	G
R5301	NRSA02J-221X	MG RESISTOR	220Ω 1/10W	J
R5302	NRSA02J-472X	MG RESISTOR	4.7kΩ 1/10W	J
R5303	NRVA02D-152X	CMF RESISTOR	1.5kΩ 1/10W	D

⚠ Symbol No.	Part No.	Part Name	Description	Local
R5304	NRVA02D-682X	CMF RESISTOR	6.8kΩ 1/10W D	
R5305	NRVA02D-243X	CMF RESISTOR	24kΩ 1/10W D	
R5306	NRVA02D-392X	CMF RESISTOR	3.9kΩ 1/10W D	
R5307	NRSA02J-472X	MG RESISTOR	4.7kΩ 1/10W J	
R5308	NRSA02J-122X	MG RESISTOR	1.2kΩ 1/10W J	
R5309	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W J	
R5312	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R5313	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R5314	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R5315	QRE121J-101Y	C RESISTOR	100Ω 1/2W J	
R5316	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R5317	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W J	
R5318	NRVA02D-302X	CMF RESISTOR	3kΩ 1/10W D	
R5319	NRVA02D-472X	CMF RESISTOR	4.7kΩ 1/10W D	
R5325	QRE141J-180Y	C RESISTOR	18Ω 1/4W J	
⚠ R5326	QRZ9005-470X	FUSI RESISTOR	47Ω 1/4W G	
R5327	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R5328	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R5329	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R5330	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
L5201	QQR0934-001	CHOKE COIL		
L5202	QQR0934-001	CHOKE COIL		
L5204	QQR0934-001	CHOKE COIL		
L5205	QQR0934-001	CHOKE COIL		
L5206	QQR0934-001	CHOKE COIL		
L5207	QQR0934-001	CHOKE COIL		
L5301	QQR0678-001Z	FERRITE BEADS		
L5302	QQR0678-001Z	FERRITE BEADS		
⚠ T5001	QQS0245-001	SW TRANSF		
B5301	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
⚠ CN5001	QGA7902C1-02	CONNECTOR	W-B (1-2)	
CN5301	QGB1231L1-15	CONNECTOR	B-B (1-15)	
CN5302	QGA2001C1-02	CONNECTOR	W-B (1-2)	
CN5303	QGA2501C1-04	CONNECTOR	W-B (1-4)	
CN5304	QGB1231L1-15	CONNECTOR	B-B (1-15)	
⚠ CP5301	QMFZ049-1R5Z-E	FUSE	1.5A 125V	
⚠ F5001	QMF51N2-1R6-J1	FUSE	1.6A AC250V	
FC5001	QNG0020-001Z	FUSE CLIP		
FC5002	QNG0020-001Z	FUSE CLIP		
⚠ LF5002	QQR0908-001	LINE FILTER		
⚠ VA5001	QAF0039-431Z	VARISTOR	430V	
W5501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

Digital board

Block No. [0][2]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10236-21C	DIGITAL BOARD ASSY		
IC1001	JCP8059	IC		
IC1002	HY57V161610ET-8	IC		
IC1002 or	K4S161622H-UC60	IC		
IC1002 or	M12L16161A-7TG	IC		
IC1002 or	HY57V161610ETP7	IC		
IC1002 or	MT48LC1M16TG-7S	IC		
IC1201	LPN0953-001A	IC(FLASH)	(SERVICE)	
IC1202	SN74LVC373APW-X	IC(DIGITAL)		
IC1203	SN74LVC373APW-X	IC(DIGITAL)		
IC1401	DMN8652-B0	IC(DIGITAL)		
IC1401 or	DMN8652-B0L	IC(DIGITAL)		
IC1404	SN74HCT08APW-X	IC		
IC1405	SN74LV08APW-X	IC		
IC1601	HY5DU561622CT-J	IC		
IC1601 or	HY5DU561622DT-J	IC		
IC1602	HY5DU561622CT-J	IC		
IC1602 or	HY5DU561622DT-J	IC		
IC1701	PQ015YZ01Z-X	IC		
IC1801	TSB41AB2PAP	IC		
Q1001	UN221E-X	TRANSTSTOR		
Q1001 or	DTC144WKA-X	DIGI TRANSISTOR		
Q1001 or	RT1N44HC-X	DIGI TRANSISTOR		
Q1002	2SA1037AK/QR/-X	TRANSISTOR		
Q1002 or	2SA1530A/QR/-X	TRANSISTOR		
Q1002 or	2SB709A/QR/-X	TRANSISTOR		
Q1003	2SA1037AK/QR/-X	TRANSISTOR		
Q1003 or	2SA1530A/QR/-X	TRANSISTOR		
Q1003 or	2SB709A/QR/-X	TRANSISTOR		
Q1004	2SA1037AK/QR/-X	TRANSISTOR		
Q1004 or	2SA1530A/QR/-X	TRANSISTOR		
Q1004 or	2SB709A/QR/-X	TRANSISTOR		
Q1005	2SA1037AK/QR/-X	TRANSISTOR		
Q1005 or	2SA1530A/QR/-X	TRANSISTOR		
Q1005 or	2SB709A/QR/-X	TRANSISTOR		
Q1008	UMZ1N-W	PAIR TRANSISTOR		
Q1008 or	BC847PN-X	PAIR TRANSISTOR		
Q1008 or	BC846PN-X	PAIR TRANSISTOR		
Q1009	2SC2412K/QRS/-X	TRANSISTOR		
Q1009 or	2SC3928A/QRS/-X	TRANSISTOR		
Q1009 or	2SD601A/QRS/-X	TRANSISTOR		
Q1010	2SC2412K/QRS/-X	TRANSISTOR		
Q1010 or	2SC3928A/QRS/-X	TRANSISTOR		
Q1010 or	2SD601A/QRS/-X	TRANSISTOR		
Q1011	2SC2412K/QRS/-X	TRANSISTOR		
Q1011 or	2SC3928A/QRS/-X	TRANSISTOR		
Q1011 or	2SD601A/QRS/-X	TRANSISTOR		
D1001	1SS355-X	SI DIODE		
D1001 or	MA111-X	SI DIODE		
D1002	1SS355-X	SI DIODE		
D1002 or	MA111-X	SI DIODE		
D1401	1SS355-X	SI DIODE		
D1401 or	MA111-X	SI DIODE		
D1402	1SS355-X	SI DIODE		
D1402 or	MA111-X	SI DIODE		
D1403	1SS355-X	SI DIODE		
D1403 or	MA111-X	SI DIODE		
C1001	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C1002	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1007	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1014	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1017	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1019	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1020	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1033	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1034	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1035	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1036	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1038	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1039	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1041	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1043	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1046	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1051	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1052	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1053	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1054	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1055	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1056	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1057	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1059	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1060	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1061	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C1065	NCB20JM-475X	C CAPACITOR	4.7uF 6.3V M	
C1077	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1089	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1090	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1091	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1092	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1093	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1094	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1095	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1096	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1097	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1098	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1204	NEHM0JM-476X	E CAPACITOR	47uF 6.3V M	
C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1402	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1403	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1404	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M	
C1405	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1407	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1408	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1409	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1410	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1411	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M	
C1412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1413	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M	
C1414	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1416	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1417	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1418	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1420	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1421	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1422	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1423	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1424	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1425	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1426	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1427	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1428	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1429	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1430	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1431	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1432	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1433	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1435	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1436	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1437	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1438	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1439	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1440	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1441	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1442	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1443	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1444	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1445	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1446	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1447	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1448	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1449	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1450	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1452	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1453	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1455	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1457	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1458	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1601	NBAD0GM-227X	OS E CAPACITOR	220uF 2.5V M	
C1602	NBAD0GM-227X	OS E CAPACITOR	220uF 2.5V M	
C1605	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1606	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1607	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1608	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1609	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1610	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1611	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1612	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1613	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1616	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1618	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1619	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1620	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1621	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1622	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1623	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1624	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1638	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1640	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1642	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1644	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1646	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1648	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1650	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1652	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1654	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1656	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1658	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1701	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1702	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M	
C1703	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1704	NEHM0JM-107X	E CAPACITOR	100uF 6.3V M	
C1706	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1707	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1708	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1710	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1801	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1802	NDC31HJ-271X	C CAPACITOR	270pF 50V J	
C1803	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1804	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1805	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1806	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C1807	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1808	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C1809	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C1811	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1812	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2201	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R1001	NRSA63D-221X	MG RESISTOR	220Ω 1/16W D	
R1002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1007	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1009	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1013	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R1014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R1015	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R1017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R1022	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	
R1024	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R1027	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R1028	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R1029	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1031	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1032	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1033	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1034	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1035	NQR0129-002X	FERRITE BEADS		
R1036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1037	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1038	NQR0129-002X	FERRITE BEADS		
R1039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1040	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R1041	NQR0129-002X	FERRITE BEADS		
R1042	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1043	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R1044	NQR0129-002X	FERRITE BEADS		
R1045	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1046	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1047	NRSA63D-221X	MG RESISTOR	220Ω 1/16W D	
R1050	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1054	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R1056	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1057	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1059	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1061	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1065	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R1066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1067	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R1068	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R1069	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R1070	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R1071	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	
R1072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1217	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1218	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1220	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1223	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1224	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1225	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1229	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1230	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1401	NRSA63F-1181X	MG RESISTOR	1.18kΩ 1/16W F	
R1402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1408	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1409	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1410	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1411	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1412	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1413	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1414	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1415	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1416	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1417	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1419	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1420	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1427	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1428	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1429	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1430	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1431	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1434	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1435	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1436	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1437	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1438	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1439	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1440	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1441	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1443	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1444	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1445	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1446	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1447	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1448	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1449	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1450	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1451	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1452	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1458	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1459	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1460	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1461	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1462	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R1465	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1466	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1468	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1469	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1470	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1471	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1472	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1473	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1474	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1475	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1476	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1477	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1478	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1479	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1480	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1481	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1482	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1491	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1493	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1496	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1497	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1498	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1601	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R1602	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R1603	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R1604	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R1605	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R1606	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R1607	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R1608	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R1613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1616	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1617	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R1618	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R1619	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1620	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1621	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R1622	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R1623	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R1624	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R1625	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1626	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1627	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R1628	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R1642	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R1644	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R1649	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1650	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1651	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1652	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1653	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1654	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1655	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1657	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1658	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1659	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1660	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1701	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R1702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1703	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R1704	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R1801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1804	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1805	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1807	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1809	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1810	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	
R1812	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1813	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1814	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1815	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1816	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1817	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R1818	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D	
R1819	NRSA63D-751X	MG RESISTOR	750Ω 1/16W D	
R1820	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1821	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2202	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2203	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2204	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2205	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R2206	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2207	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2208	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R2209	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2210	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R2211	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2212	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2214	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2215	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
RA1001	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA1002	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1005	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1006	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1201	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1202	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1203	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1204	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1401	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1402	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1403	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1404	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1405	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA1406	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA1407	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA1408	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA1409	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA1410	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA1411	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
RA1601	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1602	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1603	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1604	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1605	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1606	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1607	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1608	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1609	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
RA1610	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
RA1611	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
RA1612	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
RA1613	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
RA1614	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
RA1615	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
RA1616	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
RA1617	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1618	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1619	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1620	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1621	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1622	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1623	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1624	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA1625	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
RA1626	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
RA1627	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
RA1628	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
RA1629	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4	
RA1630	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4	
RA1631	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4	
RA1632	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4	
RA1801	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1802	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA2201	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA2202	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA2203	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA2204	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA2205	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA2206	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA2207	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA2208	NRZ0040-330X	NET RESISTOR	33Ω 1/16W J x4	
RA2209	NRZ0040-330X	NET RESISTOR	33Ω 1/16W J x4	
RA2210	NRZ0040-330X	NET RESISTOR	33Ω 1/16W J x4	
RA2211	NRZ0040-330X	NET RESISTOR	33Ω 1/16W J x4	
L1004	NQL144K-100X	P COIL	10uH K	
L1801	NQL144K-100X	P COIL	10uH K	
T1801	NQR0444-001X	CHOKE COIL		
B1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
B1007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
B1008	NQR0339-001X	FERRITE BEADS		
B1204	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B1802	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
CN1001	QGB2027L6-28X	CONNECTOR	B-B (1-28)	
CN1002	QGB2027L6-28X	CONNECTOR	B-B (1-28)	
CN1404	QGF1016F2-04W	CONNECTOR	FFC/FPC (1-4)	
CN1801	QGB2027L1-10X	CONNECTOR	B-B (1-10)	
CN2201	QGF0539C1-40W	CONNECTOR	FFC/FPC (1-40)	
K1001	NQR0339-001X	FERRITE BEADS		
K1002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K1003	NQR0129-002X	FERRITE BEADS		
K1004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K1005	NQR0129-002X	FERRITE BEADS		
K1006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K1008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K1009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K1010	NQR0129-002X	FERRITE BEADS		
K1011	NQR0129-002X	FERRITE BEADS		
K1012	NQR0129-002X	FERRITE BEADS		
K1013	NQR0129-002X	FERRITE BEADS		
K1014	NQR0129-002X	FERRITE BEADS		
K1015	NQR0129-002X	FERRITE BEADS		
K1016	NQR0129-002X	FERRITE BEADS		
K1017	NQR0129-002X	FERRITE BEADS		
K1018	NQR0129-002X	FERRITE BEADS		
K1019	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1020	NQR0129-002X	FERRITE BEADS		
K1201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K1401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1402	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1403	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1404	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1406	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1407	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1408	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1701	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1702	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2201	NQR0129-002X	FERRITE BEADS		
K2202	NQR0129-002X	FERRITE BEADS		
K2203	NQR0129-002X	FERRITE BEADS		
K2204	NQR0129-002X	FERRITE BEADS		
K2205	NQR0129-002X	FERRITE BEADS		
K2206	NQR0129-002X	FERRITE BEADS		
K2207	NQR0129-002X	FERRITE BEADS		
K2208	NQR0129-002X	FERRITE BEADS		
K2209	NQR0129-002X	FERRITE BEADS		
K2210	NQR0129-002X	FERRITE BEADS		
K2211	NQR0129-002X	FERRITE BEADS		
K2212	NQR0129-002X	FERRITE BEADS		
K2213	NQR0129-002X	FERRITE BEADS		
K2214	NQR0129-002X	FERRITE BEADS		
K2215	NQR0129-002X	FERRITE BEADS		
K2216	NQR0129-002X	FERRITE BEADS		
K2217	NQR0129-002X	FERRITE BEADS		
K2218	NQR0129-002X	FERRITE BEADS		
K2219	NQR0129-002X	FERRITE BEADS		
K2220	NQR0129-002X	FERRITE BEADS		
K2221	NQR0129-002X	FERRITE BEADS		
LC1401	NQR0415-002X	EMI FILTER	1uF 16V Z	
LC1402	NQR0415-002X	EMI FILTER	1uF 16V Z	
LC1403	NQR0415-002X	EMI FILTER	1uF 16V Z	
OT1	LC41656-001A	COOLING SHEET		

⚠ Symbol No.	Part No.	Part Name	Description	Local
SD1	LP21293-001A	SHIELD FRAME(DIGITAL)		
X1401	NAX0580-001X	CXO	27.0000MHz	
X1801	NAX0666-001X	CRYSTAL	24.576000MHz	

Main board

Block No. [0][3]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10238-07A	MAIN BOARD ASSY		
IC1	JCP8060-NSA	IC		
IC501	JCP8038-I	IC		
IC501 or	JCP8038	IC		
⚠ IC2201	AN3663FBP	IC		
IC2602	BU4052BCF-X	IC		
IC2602 or	CD4052BM-X	IC		
IC2603	BA15218F-XE	IC		
IC2604	BU4052BCF-X	IC		
IC2604 or	CD4052BM-X	IC		
IC2605	BA15218F-XE	IC		
IC3001	HD6432194SAD99F	IC(MCU)	MASK	
IC3002	S-80827CNNB-G-W	IC		
IC3003	LPN0952-001B-00	IC(EEPROM)	*(REFER TO BELOW)	
IC3601	BU2090FS-X	IC		
IC7501	74HC4052D-X	IC		
IC7502	74HC4053D-X	IC		
Q1	DTC144WUA-X	DIGI TRANSISTOR		
Q1 or	PDTC144WU-X	DIGI TRANSISTOR		
Q1 or	UN521E-X	DIGI TRANSISTOR		
Q1 or	RN1309-X	DIGI TRANSISTOR		
Q7	2SC4081/QRS/-X	TRANSISTOR		
Q8	2SC4081/QRS/-X	TRANSISTOR		
Q503	2SC4081/QRS/-X	TRANSISTOR		
Q503 or	2PC4081/R/-X	TRANSISTOR		
Q503 or	2SD1819A/QRS/-X	TRANSISTOR		
Q503 or	2SC4154/EF/-X	TRANSISTOR		
Q504	2SA1576A/QR/-X	TRANSISTOR		
Q504 or	2PA1576/R/-X	TRANSISTOR		
Q504 or	2SB1218A/QR/-X	TRANSISTOR		
Q504 or	2SA1602A/E/-X	TRANSISTOR		
Q505	2SA1576A/QR/-X	TRANSISTOR		
Q505 or	2PA1576/R/-X	TRANSISTOR		
Q505 or	2SB1218A/QR/-X	TRANSISTOR		
Q505 or	2SA1602A/E/-X	TRANSISTOR		
Q506	2SA1576A/QR/-X	TRANSISTOR		
Q506 or	2PA1576/R/-X	TRANSISTOR		
Q506 or	2SB1218A/QR/-X	TRANSISTOR		
Q506 or	2SA1602A/E/-X	TRANSISTOR		
Q507	2SA1576A/QR/-X	TRANSISTOR		
Q507 or	2PA1576/R/-X	TRANSISTOR		
Q507 or	2SB1218A/QR/-X	TRANSISTOR		
Q507 or	2SA1602A/E/-X	TRANSISTOR		
Q2001	2SC4081/QRS/-X	TRANSISTOR		
Q2001 or	2SD1819A/QRS/-X	TRANSISTOR		
Q2001 or	2PC4081/R/-X	TRANSISTOR		
Q2001 or	2SC4154/EF/-X	TRANSISTOR		
Q2002	2SC4081/QRS/-X	TRANSISTOR		
Q2002 or	2SD1819A/QRS/-X	TRANSISTOR		
Q2002 or	2PC4081/R/-X	TRANSISTOR		
Q2002 or	2SC4154/EF/-X	TRANSISTOR		
Q2003	DTA144WUA-X	DIGI TRANSISTOR		
Q2003 or	UN511E-X	DIGI TRANSISTOR		
Q2003 or	PDTA144WU-X	DIGI TRANSISTOR		
Q2003 or	RN2309-X	DIGI TRANSISTOR		
Q2003 or	RT1P44HM-X	DIGI TRANSISTOR		
Q2051	2SC4081/QRS/-X	TRANSISTOR		
Q2051 or	2SD1819A/QRS/-X	TRANSISTOR		
Q2051 or	2PC4081/R/-X	TRANSISTOR		
Q2051 or	2SC4154/EF/-X	TRANSISTOR		
Q2052	2SA1576A/QR/-X	TRANSISTOR		
Q2052 or	2SB1218A/QR/-X	TRANSISTOR		
Q2052 or	2PA1576/R/-X	TRANSISTOR		
Q2053	DTC144WUA-X	DIGI TRANSISTOR		
Q2053 or	PDTC144WU-X	DIGI TRANSISTOR		
Q2053 or	UN521E-X	DIGI TRANSISTOR		
Q2053 or	RN1309-X	DIGI TRANSISTOR		
Q2053 or	RT1N44HM-X	DIGI TRANSISTOR		
Q2054	2SA1576A/QR/-X	TRANSISTOR		
Q2054 or	2SB1218A/QR/-X	TRANSISTOR		
Q2054 or	2PA1576/R/-X	TRANSISTOR		
Q2055	DTC144WUA-X	DIGI TRANSISTOR		
Q2055 or	PDTC144WU-X	DIGI TRANSISTOR		
Q2055 or	UN521E-X	DIGI TRANSISTOR		
Q2055 or	RN1309-X	DIGI TRANSISTOR		
Q2055 or	RT1N44HM-X	DIGI TRANSISTOR		
Q2201	DTA144WUA-X	DIGI TRANSISTOR		
Q2201 or	PDTA144WU-X	DIGI TRANSISTOR		
Q2201 or	UN511E-X	DIGI TRANSISTOR		
Q2201 or	RN2309-X	DIGI TRANSISTOR		
Q2201 or	RT1P44HM-X	DIGI TRANSISTOR		
Q2202	DTC144WUA-X	DIGI TRANSISTOR		
Q2202 or	PDTC144WU-X	DIGI TRANSISTOR		
Q2202 or	UN521E-X	DIGI TRANSISTOR		
Q2202 or	RN1309-X	DIGI TRANSISTOR		
Q2202 or	RT1N44HM-X	DIGI TRANSISTOR		
Q2203	2SC4081/QRS/-X	TRANSISTOR		
Q2203 or	2PC4081/R/-X	TRANSISTOR		
Q2203 or	2SD1819A/QRS/-X	TRANSISTOR		
Q2203 or	2SC4154/EF/-X	TRANSISTOR		
Q2204	2SC4081/QRS/-X	TRANSISTOR		
Q2204 or	2PC4081/R/-X	TRANSISTOR		
Q2204 or	2SD1819A/QRS/-X	TRANSISTOR		
Q2204 or	2SC4154/EF/-X	TRANSISTOR		
Q2251	DTC144WUA-X	DIGI TRANSISTOR		
Q2251 or	PDTC144WU-X	DIGI TRANSISTOR		
Q2251 or	UN521E-X	DIGI TRANSISTOR		
Q2251 or	RN1309-X	DIGI TRANSISTOR		
Q2251 or	RT1N44HM-X	DIGI TRANSISTOR		
Q2252	DTC144WUA-X	DIGI TRANSISTOR		
Q2252 or	PDTC144WU-X	DIGI TRANSISTOR		
Q2252 or	UN521E-X	DIGI TRANSISTOR		
Q2252 or	RN1309-X	DIGI TRANSISTOR		
Q2252 or	RT1N44HM-X	DIGI TRANSISTOR		
Q2253	DTC144WUA-X	DIGI TRANSISTOR		
Q2253 or	PDTC144WU-X	DIGI TRANSISTOR		
Q2253 or	UN521E-X	DIGI TRANSISTOR		
Q2253 or	RN1309-X	DIGI TRANSISTOR		
Q2253 or	RT1N44HM-X	DIGI TRANSISTOR		
Q2254	DTC114EUA-X	DIGI TRANSISTOR		
Q2254 or	PDTC114EU-X	DIGI TRANSISTOR		
Q2254 or	UN5211-X	DIGI TRANSISTOR		
Q2254 or	RN1302-X	DIGI TRANSISTOR		
Q2254 or	RT1N141M-X	DIGI TRANSISTOR		
Q2601	2SC4081/QRS/-X	TRANSISTOR		
Q2601 or	2PC4081/R/-X	TRANSISTOR		
Q2601 or	2SD1819A/QRS/-X	TRANSISTOR		
Q2601 or	2SC4154/EF/-X	TRANSISTOR		
Q2602	2SC4081/QRS/-X	TRANSISTOR		
Q2602 or	2PC4081/R/-X	TRANSISTOR		
Q2602 or	2SD1819A/QRS/-X	TRANSISTOR		
Q2602 or	2SC4154/EF/-X	TRANSISTOR		
Q2603	DTA144WUA-X	DIGI TRANSISTOR		
Q2603 or	PDTA144WU-X	DIGI TRANSISTOR		
Q2603 or	UN511E-X	DIGI TRANSISTOR		
Q2603 or	RN2309-X	DIGI TRANSISTOR		
Q2603 or	RT1P44HM-X	DIGI TRANSISTOR		
Q3002	PTZ-NV16A	IC(PHOTO SENSOR)		
Q3003	PTZ-NV16A	IC(PHOTO SENSOR)		
Q3004	2SD1819A/QRS/-X	TRANSISTOR		
Q3004 or	2SC4081/QRS/-X	TRANSISTOR		
Q3004 or	2PC4081/R/-X	TRANSISTOR		
Q3004 or	2SC4154/EF/-X	TRANSISTOR		
Q3005	2SD1819A/QRS/-X	TRANSISTOR		
Q3005 or	2SC4081/QRS/-X	TRANSISTOR		
Q3005 or	2PC4081/R/-X	TRANSISTOR		
Q3005 or	2SC4154/EF/-X	TRANSISTOR		
Q3901	DTC144WUA-X	DIGI TRANSISTOR		
Q3901 or	UN521E-X	DIGI TRANSISTOR		
Q3901 or	PDTC144WU-X	DIGI TRANSISTOR		
Q3901 or	RN1309-X	DIGI TRANSISTOR		

*The VCR goes to jig RCU mode after replacing the EEPROM and the VCR does not accept some RCU command.
Therefore please set the VCR to the user RCU mode after replacing the EEPROM.
The method of setting the VCR to the user RCU mode is written on the service manual.

⚠ Symbol No.	Part No.	Part Name	Description	Local
Q4001	UN5211-X	DIGI TRANSISTOR		
Q4001	or DTC114EUA-X	DIGI TRANSISTOR		
Q4001	or RN1302-X	DIGI TRANSISTOR		
Q4001	or RT1N141M-X	DIGI TRANSISTOR		
Q4002	UN5211-X	DIGI TRANSISTOR		
Q4002	or DTC114EUA-X	DIGI TRANSISTOR		
Q4002	or RN1302-X	DIGI TRANSISTOR		
Q4003	UN5211-X	DIGI TRANSISTOR		
Q4003	or DTC114EUA-X	DIGI TRANSISTOR		
Q4003	or RN1302-X	DIGI TRANSISTOR		
Q6030	2SB1218A/QR/-X	TRANSISTOR		
Q6030	or 2SA1576A/QR/-X	TRANSISTOR		
Q6030	or 2PA1576/R/-X	TRANSISTOR		
Q6030	or 2SA1602A/E/-X	TRANSISTOR		
Q6130	2SB1218A/QR/-X	TRANSISTOR		
Q6130	or 2SA1576A/QR/-X	TRANSISTOR		
Q6130	or 2PA1576/R/-X	TRANSISTOR		
Q6130	or 2SA1602A/E/-X	TRANSISTOR		
Q7501	2SB1218A/QR/-X	TRANSISTOR		
Q7501	or 2SA1576A/QR/-X	TRANSISTOR		
Q7501	or 2PA1576/R/-X	TRANSISTOR		
Q7501	or 2SA1602A/E/-X	TRANSISTOR		
Q7502	2SB1218A/QR/-X	TRANSISTOR		
Q7502	or 2SA1576A/QR/-X	TRANSISTOR		
Q7502	or 2PA1576/R/-X	TRANSISTOR		
Q7502	or 2SA1602A/E/-X	TRANSISTOR		
Q7503	2SB1218A/QR/-X	TRANSISTOR		
Q7503	or 2SA1576A/QR/-X	TRANSISTOR		
Q7503	or 2PA1576/R/-X	TRANSISTOR		
Q7503	or 2SA1602A/E/-X	TRANSISTOR		
Q7571	2SB1218A/QR/-X	TRANSISTOR		
Q7571	or 2SA1576A/QR/-X	TRANSISTOR		
Q7571	or 2PA1576/R/-X	TRANSISTOR		
Q7571	or 2SA1602A/E/-X	TRANSISTOR		
Q7572	2SB1218A/QR/-X	TRANSISTOR		
Q7572	or 2SA1576A/QR/-X	TRANSISTOR		
Q7572	or 2PA1576/R/-X	TRANSISTOR		
Q7572	or 2SA1602A/E/-X	TRANSISTOR		
Q7573	2SB1218A/QR/-X	TRANSISTOR		
Q7573	or 2SA1576A/QR/-X	TRANSISTOR		
Q7573	or 2PA1576/R/-X	TRANSISTOR		
Q7573	or 2SA1602A/E/-X	TRANSISTOR		
D501	DA204U-X	SI DIODE		
D502	DA204U-X	SI DIODE		
D2001	1SS133-T2	DIODE		
D2001	or 1SS270A-T2	SI DIODE		
D2251	1SS133-T2	DIODE		
D2251	or 1SS270A-T2	SI DIODE		
D2601	1SS133-T2	DIODE		
D2601	or 1SS270A-T2	SI DIODE		
D3001	LNB2301L01VI	LED		
D3002	1SS133-T2	DIODE		
D3002	or 1SS270A-T2	SI DIODE		
D3003	RD39ES/B3/-T2	Z DIODE		
D3003	or MTZJ39C-T2	Z DIODE		
D3004	1A3G-T2	SI DIODE		
D3005	1A3G-T2	SI DIODE		
D3007	1SS133-T2	SI DIODE		
D4002	1SS355-X	SI DIODE		
D4002	or MA111-X	SI DIODE		
D6002	HZ30-2L-T2	Z DIODE		
D6102	HZ30-2L-T2	Z DIODE		
PC3001	RPI-304J	IC(PHOTO SENSOR)		
PC3002	RPI-304J	IC(PHOTO SENSOR)		
C1	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C2	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C5	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C9	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C10	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C11	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C13	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C14	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C15	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C16	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C18	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C19	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C20	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C21	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C23	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C24	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C25	QEKJ1HM-335Z	E CAPACITOR	3.3uF 50V M	
C26	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C27	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C28	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C29	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C30	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C31	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C32	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C33	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C34	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C35	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C36	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C37	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C38	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C39	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C40	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C41	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C43	QEKJ1HM-335Z	E CAPACITOR	3.3uF 50V M	
C44	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C45	NCB31EK-472X	C CAPACITOR	4700pF 25V K	
C46	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C47	QEKJ1HM-474Z	E CAPACITOR	0.47uF 50V M	
C48	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C49	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C50	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C52	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C56	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C57	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C58	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C59	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C60	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C61	QEKC0JM-476Z	E CAPACITOR	47uF 6.3V M	
C62	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C63	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C71	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C501	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C503	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C505	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C506	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C508	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C510	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C511	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C513	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C515	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C516	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C518	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C519	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C521	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C522	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C523	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C524	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C525	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C526	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C527	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C528	QEKJ1CM-106Z	E CAPACITOR	10uF 16V M	
C529	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C530	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C533	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C534	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C535	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C536	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C537	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C538	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C539	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C540	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C541	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C543	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C545	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C546	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C547	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C549	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C550	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C555	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C556	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C565	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C577	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C578	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C2001	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2002	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C2003	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C2004	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C2005	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2006	NCB31EK-682X	C CAPACITOR	6800pF 25V K	
C2007	QEKJ1CM-226Z	E CAPACITOR	22uF 16V M	
C2008	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2009	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2010	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C2011	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2012	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2051	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C2052	QFV61HJ-823Z	MF CAPACITOR	0.082uF 50V J	
C2053	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C2054	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C2055	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2201	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2202	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2203	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2204	QEKJ0JM-336Z	E CAPACITOR	33uF 6.3V M	
C2205	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2206	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2207	NCB31EK-153X	C CAPACITOR	0.015uF 25V K	
C2208	NCB31EK-153X	C CAPACITOR	0.015uF 25V K	
C2209	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2210	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2211	QEKJ0JM-336Z	E CAPACITOR	33uF 6.3V M	
C2212	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C2214	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2215	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2216	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C2219	QEKJ1CM-226Z	E CAPACITOR	22uF 16V M	
C2220	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2221	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C2222	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C2234	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C2235	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C2251	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C2252	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C2253	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C2254	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C2255	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C2256	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C2257	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C2259	QEKJ1HM-334Z	E CAPACITOR	0.33uF 50V M	
C2603	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2604	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2651	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C2653	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C3004	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
C3012	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C3015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3024	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C3025	QAT3725-300Z	TRIM CAPACITOR	30pF TIMER CLOCK	
C3027	QERF1CM-106Z	E CAPACITOR	10uF 16V M	
C3030	QERF1CM-476Z	E CAPACITOR	47uF 16V M	
C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3033	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3036	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C3037	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C3042	QETJ0JM-477Z	E CAPACITOR	470uF 6.3V M	
C3050	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3054	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3071	QEKJ1HM-336Z	E CAPACITOR	33uF 50V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C3602	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C4002	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4004	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C4005	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C4006	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C4008	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C4009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C4010	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C4011	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4012	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
C4014	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C4015	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C4016	NCB31HK-821X	C CAPACITOR	820pF 50V K	
C4017	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C4018	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C4031	QEKJ1CM-336Z	E CAPACITOR	33uF 16V M	
C6013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6021	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6502	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C6503	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C6504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6505	QEKJ1HM-335Z	E CAPACITOR	3.3uF 50V M	
C6508	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C6509	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6512	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C6513	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6514	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C6515	QEKJ1HM-335Z	E CAPACITOR	3.3uF 50V M	
C6516	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6517	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
C6532	QCBB1HK-104Y	C CAPACITOR	0.1uF 50V K	
C7501	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C7502	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7515	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7516	QETJ0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7517	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7518	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7519	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7520	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7521	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7529	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7538	QETJ0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7539	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C7553	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7571	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7575	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7576	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C7577	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7581	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7582	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7585	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7586	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7587	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7588	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7591	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
R1	NRSA63J-622X	MG RESISTOR	6.2kΩ 1/16W J	
R2	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R4	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R11	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R12	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R14	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R19	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
R21	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R27	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R36	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R37	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R38	NRSA63J-475X	MG RESISTOR	4.7MΩ 1/16W J	
R41	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R51	QRE141J-122Y	C RESISTOR	1.2kΩ 1/4W J	
R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R502	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R503	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R505	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R508	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R509	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R510	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R518	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R521	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R526	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R527	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R528	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R529	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R533	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R534	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R535	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R542	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R545	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R546	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R547	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R548	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R549	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R550	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R551	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2007	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2010	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2013	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2014	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	
R2015	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R2016	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2017	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2018	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2019	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2021	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2022	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2023	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2024	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2053	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2054	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2055	NRSA63J-3R3X	MG RESISTOR	3.3Ω 1/16W J	
R2056	QRE141J-820Y	C RESISTOR	82Ω 1/4W J	
R2057	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2058	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R2059	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2060	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R2201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2202	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2203	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2204	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2205	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2206	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2207	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2208	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2209	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2210	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2211	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2212	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2213	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2214	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2218	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2219	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2220	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2226	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R2227	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2228	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R2229	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2230	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R2231	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R2251	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2252	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2253	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2254	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2255	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R2256	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2257	NRSA63J-684X	MG RESISTOR	680kΩ 1/16W J	
R2258	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2609	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R2610	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2611	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2632	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R2633	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2635	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2636	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2637	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2638	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2651	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R2652	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2653	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2654	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R2658	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2659	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2660	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2661	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2662	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2663	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2666	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2667	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R3011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3013	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3016	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3017	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3022	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3027	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3030	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3032	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3033	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3036	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3038	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R3039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3046	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3047	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3048	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3050	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3051	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3052	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3053	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3054	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3055	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3057	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3059	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3060	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3061	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3062	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3063	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3066	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3069	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3071	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3073	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3075	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3076	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3078	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3079	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R3080	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R3081	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3083	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3085	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3086	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3087	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3088	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3090	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3091	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R3092	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3094	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3095	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R3097	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3105	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3106	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3205	QRE141J-181Y	C RESISTOR	180Ω 1/4W J	
R3206	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R3207	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R3208	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R3209	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R3210	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R3211	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R3212	QRE141J-474Y	C RESISTOR	470kΩ 1/4W J	
R3213	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	
R3214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3215	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3216	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3217	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3218	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3219	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3220	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3222	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3223	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3224	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3229	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3230	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3231	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3235	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3236	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3237	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3241	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3242	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3257	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3258	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3259	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3260	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3261	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3262	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3263	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3264	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3265	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3601	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3612	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4001	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4003	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R4004	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R4005	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R4007	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4008	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4009	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4010	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R4012	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R4013	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4015	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R4017	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6020	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6021	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6030	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6050	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R6051	NQR0129-003X	FERRITE BEADS		
R6054	NQR0129-003X	FERRITE BEADS		
R6120	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6121	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6130	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6131	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6502	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7502	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7504	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7506	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7520	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7521	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7522	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7523	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7528	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R7538	NRSA63D-560X	MG RESISTOR	56Ω 1/16W D	
R7539	NRSA63D-560X	MG RESISTOR	56Ω 1/16W D	
R7540	NRSA63D-560X	MG RESISTOR	56Ω 1/16W D	
R7541	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7542	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7543	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7544	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R7553	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7554	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7561	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7562	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7563	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7564	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7565	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7566	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7571	QRE123J-271X	C RESISTOR	270Ω 1/2W J	
R7572	QRE123J-101X	C RESISTOR	100Ω 1/2W J	
R7573	QRE123J-271X	C RESISTOR	270Ω 1/2W J	
R7574	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R7575	QRE123J-271X	C RESISTOR	270Ω 1/2W J	
R7576	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R7585	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R7586	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R7593	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
VR2251	QVP0039-103Z	TRIM RESISTOR	10kΩ A.REC FM	
L1	QQL231J-101Y	COIL	100uH J	
L3	QQL29BJ-100Z	P COIL	10uH J	
L5	QQL29BJ-100Z	P COIL	10uH J	
⚠ L6	QQL29BJ-100Z	P COIL	10uH J	
L7	QQL071J-120Y	COIL	12uH J	
L9	QQL231J-100Y	COIL	10uH J	
⚠ L10	QQL29BJ-100Z	P COIL	10uH J	
L501	QQL29BJ-100Z	P COIL	10uH J	
L502	QQL29BJ-100Z	P COIL	10uH J	
L504	QQL231J-330Y	COIL	33uH J	
L2251	QQL29BJ-100Z	P COIL	10uH J	
L3001	QQL231J-R22Y	COIL	0.22uH J	
L4001	QQL29BK-1R0Z	P COIL	1uH K	
L6003	QQL29BK-1R0Z	P COIL	1uH K	
L6005	QQL29BK-1R0Z	P COIL	1uH K	
L6103	QQL29BK-1R0Z	P COIL	1uH K	
L6105	QQL29BK-1R0Z	P COIL	1uH K	
L7501	QQL29BJ-100Z	P COIL	10uH J	
L7502	QQL29BJ-100Z	P COIL	10uH J	
T2051	QQR1484-001	BIAS COIL		
B4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B10	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B2603	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B2604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B3001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B3024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B6024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7509	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7515	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7591	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B7592	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
CN1	QGF1201C2-09	CONNECTOR	FFC/FPC (1-9)	
CN2	QGF1207C1-07	CONNECTOR	FFC/FPC (1-7)	
CN3	QGF1207C1-10	CONNECTOR	FFC/FPC (1-10)	
CN501	QGF1207C1-04	CONNECTOR	FFC/FPC (1-4)	
CN2001	QGF1207C1-06	CONNECTOR	FFC/FPC (1-6)	
CN2002	QGB2532J1-02	CONNECTOR	B-B (1-2)	
CN2601	QGB1231L1-11	CONNECTOR	B-B (1-11)	
CN3001	QGB2032M4-12	CONNECTOR	B-B (1-12)	
CN3102	QGF1207C1-11	CONNECTOR	FFC/FPC (1-11)	
CN3103	QGB1231L1-15	CONNECTOR	B-B (1-15)	
CN3104	QGF1207C1-09	CONNECTOR	FFC/FPC (1-9)	
CN3106	QGF1207C1-09	CONNECTOR	FFC/FPC (1-9)	
CN3901	QGF1207C1-06	CONNECTOR	FFC/FPC (1-6)	
CN5311	QGB1231M1-15	CONNECTOR	B-B (1-15)	
CN7501	QGF1207C1-13	CONNECTOR	FFC/FPC (1-13)	
CN7502	QGF1207C1-11	CONNECTOR	FFC/FPC (1-11)	
CN7503	QGF1207C1-11	CONNECTOR	FFC/FPC (1-11)	
⚠ CP3002	QMFZ050-1R25X-E	FUSE	1.25A 125V	
⚠ CP4002	QMFZ050-1R25X-E	FUSE	1.25A 125V	
FW7504	QUM023-12A4A4	PARA RIBON WIRE		
FW7505	QUM022-13A4A4	PARA RIBON WIRE		
J7501	QNZ0609-001	AV JACK	S-VIDEO/ VIDEO/AUDIO INPUT (L-1)	
J7502	QNZ0652-001	AV JACK	S-VIDEO/ VIDEO/AUDIO OUTPUT	
J7503	QNN0587-002	PIN JACK	COMPONENT VIDEO OUT	
J7506	QNS0100-001	3.5 JACK	REMOTE IN	
JS3001	NSW0238-001	ROTARY ENCODER		
K2251	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2252	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6050	NQR0129-003X	FERRITE BEADS		
OT1	LP31378-001A	BOSS(MECHA)3		
OT2	LP31379-001A	BOSS(MECHA)4	(x2)	
OT3	LP40229-002A	PLATE		
S3001	QSW0602-004	PUSH SWITCH	REC SAFETY	
S3002	QSW0602-004	PUSH SWITCH	S.CASSTTE	
SD1	LP31179-001A	SHILD PLATE(PRE/REC)		
TU6001	QAU0336-003	TUNER		
TU6002	QAU0336-003	TUNER		
W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W7	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W10	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W12	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W13	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W14	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W15	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W16	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W17	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W18	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W21	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W22	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W23	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W24	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W25	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W26	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W27	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W28	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W29	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W31	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W32	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W33	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W35	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W37	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W38	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W39	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W40	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W41	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W42	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W43	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W44	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W46	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W47	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W48	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
WR1	QUQ112-1112CG	FFC WIRE		
WR7501	QUB321-04ZAZA	SIN TWIST WIRE		
X2	QAX0739-001	CRYSTAL	3.57MHz	
X3001	QAX0444-001	CRYSTAL	32.768kHz	
X3002	QAX0527-001	CRYSTAL	10.000000MHz	

A/C head board

Block No. [1][2]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10158-01A1	A/C HEAD BOARD ASSY		

Demod board

Block No. [1][4]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10243-01C1	DEMOD BOARD ASSY		
IC2301	BA3308	IC		
IC6501	AN5832SA-W	IC		
C2301	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2302	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2303	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2304	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C2305	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C6501	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C6502	QEKJ1HM-334Z	E CAPACITOR	0.33uF 50V M	
C6503	QEKJ1HM-335Z	E CAPACITOR	3.3uF 50V M	
C6504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6506	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C6507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6508	NCB31CK-333X	C CAPACITOR	0.033uF 16V K	
C6509	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6510	QEKJ1HM-334Z	E CAPACITOR	0.33uF 50V M	
C6511	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6512	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
C6514	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C6515	QEKJ1EM-475Z	E CAPACITOR	4.7uF 25V M	
C6516	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6519	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C6520	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6521	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C6522	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C6523	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
R2301	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2302	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2303	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2304	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2306	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2307	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2308	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2309	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2310	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2311	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2312	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6503	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6505	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6508	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R6509	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6512	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
BK1	LP40425-001A	BRACKET(PWB)		

⚠ Symbol No.	Part No.	Part Name	Description	Local
CN2301	QGF1207F1-11	CONNECTOR	FFC/FPC (1-11)	
CN6701	QGG2502K1-09	CONNECTOR	HEADER PIN (1-9)	
W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

S-VHS Sub/3D board

Block No. [1][5]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10246-01A	S-VHS SUB/3D BOARD ASSY		
IC501	JCP8058	IC		
IC501 or	JCP8058-2	IC		
IC1401	JCP8026	IC		
Q1401	2SC1317/RS/-T	TRANSISTOR		
Q1402	2SA1576A/QR/-X	TRANSISTOR		
Q1402 or	2PA1576/R/-X	TRANSISTOR		
Q1402 or	2SB1218A/QR/-X	TRANSISTOR		
Q1402 or	2SA1602A/E/-X	TRANSISTOR		
Q1406	2SA1576A/QR/-X	TRANSISTOR		
Q1406 or	2PA1576/R/-X	TRANSISTOR		
Q1406 or	2SB1218A/QR/-X	TRANSISTOR		
Q1406 or	2SA1602A/E/-X	TRANSISTOR		
Q1408	2SC4081/S/-X	TRANSISTOR		
Q1410	2SC4081/QRS/-X	TRANSISTOR		
Q1410 or	2PC4081/R/-X	TRANSISTOR		
Q1410 or	2SD1819A/QRS/-X	TRANSISTOR		
Q1410 or	2SC4154/EF/-X	TRANSISTOR		
Q1412	2SA1576A/QR/-X	TRANSISTOR		
Q1412 or	2PA1576/R/-X	TRANSISTOR		
Q1412 or	2SB1218A/QR/-X	TRANSISTOR		
Q1412 or	2SA1602A/E/-X	TRANSISTOR		
Q1415	DTC114EUA-X	DIGI TRANSISTOR		
Q1415 or	UN5211-X	DIGI TRANSISTOR		
Q1415 or	RN1302-X	DIGI TRANSISTOR		
Q1415 or	PDTC114EU-X	DIGI TRANSISTOR		
Q1416	DTC114EUA-X	DIGI TRANSISTOR		
Q1416 or	UN5211-X	DIGI TRANSISTOR		
Q1416 or	RN1302-X	DIGI TRANSISTOR		
Q1416 or	PDTC114EU-X	DIGI TRANSISTOR		
Q1418	2SA1576A/QR/-X	TRANSISTOR		
Q1418 or	2PA1576/R/-X	TRANSISTOR		
Q1418 or	2SB1218A/QR/-X	TRANSISTOR		
Q1418 or	2SA1602A/E/-X	TRANSISTOR		
Q1419	DTC124TUA-X	DIGI TRANSISTOR		
D1401	RD4.3ES/B3/-T2	Z DIODE		
D1401 or	MTZJ4.3B-T2	Z DIODE		
D1402	1SS133-T2	SI DIODE		
C501	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C502	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C503	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C504	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C507	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C509	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C510	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C511	QEKJ0JM-337Z	E CAPACITOR	330uF 6.3V M	
C513	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C514	NDC31HG-271X	C CAPACITOR	270pF 50V G	
C515	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C516	NDC31HG-271X	C CAPACITOR	270pF 50V G	
C517	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C518	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C519	NDC31HG-271X	C CAPACITOR	270pF 50V G	
C520	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
C521	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C522	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C523	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C524	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C525	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C528	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C529	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C530	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C539	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C541	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C542	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1401	QEKJ1CM-336Z	E CAPACITOR	33uF 16V M	
C1403	QEKJ0JM-337Z	E CAPACITOR	330uF 6.3V M	
C1404	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1405	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1406	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
C1407	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1408	NDC21HJ-330X	C CAPACITOR	33pF 50V J	
C1410	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1411	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1412	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1413	NDC21HJ-330X	C CAPACITOR	33pF 50V J	
C1415	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1416	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
C1417	NCB21EK-104X	C CAPACITOR	0.1uF 25V K	
C1421	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1422	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1423	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1424	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1425	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1426	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C1428	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1429	QEKJ0JM-337Z	E CAPACITOR	330uF 6.3V M	
C1430	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1432	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1433	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1435	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1436	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1437	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1438	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1439	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
C1440	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1441	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1442	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1444	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1445	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1446	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C1447	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1448	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C1449	NCB21EK-104X	C CAPACITOR	0.1uF 25V K	
C1450	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1451	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1452	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1453	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1454	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1455	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1463	QEKJ0JM-336Z	E CAPACITOR	33uF 6.3V M	
C1468	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1471	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1472	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1473	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R503	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R504	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R505	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R506	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R507	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R510	NRSA63J-475X	MG RESISTOR	4.7MΩ 1/16W J	
R1401	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R1402	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R1406	NRSA02J-221X	MG RESISTOR	220Ω 1/10W J	
R1410	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R1411	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1413	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1415	NRVA63D-221X	CMF RESISTOR	220Ω 1/16W D	
R1416	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R1417	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1418	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1421	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1426	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1427	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1428	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R1429	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1430	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1431	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1433	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R1434	NRVA63D-153X	CMF RESISTOR	15kΩ 1/16W D	
R1435	NRVA63D-473X	CMF RESISTOR	47kΩ 1/16W D	
R1436	NRVA63D-393X	CMF RESISTOR	39kΩ 1/16W D	
R1437	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1438	NRSA02J-473X	MG RESISTOR	47kΩ 1/10W J	
R1439	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1440	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1445	NRVA02D-393X	CMF RESISTOR	39kΩ 1/10W D	
R1446	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1447	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1448	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1449	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1450	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1452	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1453	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1455	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R1456	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1457	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1459	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R1460	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
L501	QQL29BJ-101Z	P COIL	100uH J	
L502	QQL29BJ-100Z	P COIL	10uH J	
L1402	QQL071J-6R8Y	COIL	6.8uH J	
L1403	QQL071J-6R8Y	COIL	6.8uH J	
L1404	QQL071J-6R8Y	COIL	6.8uH J	
L1405	QQL29BJ-100Z	P COIL	10uH J	
L1406	QQL071J-330Y	COIL	33uH J	
L1407	QQL29BJ-100Z	P COIL	10uH J	
B501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B503	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B1412	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
BK1	LP31165-001A	BRACKET(S/P)		
CN501	QGF1207F1-11	CONNECTOR	FFC/FPC (1-11)	
CN502	QGF1207F1-07	CONNECTOR	FFC/FPC (1-7)	
CN503	QGF1207F1-09	CONNECTOR	FFC/FPC (1-9)	
CN504	QGF1207F1-10	CONNECTOR	FFC/FPC (1-10)	
LC1401	QQL29BJ-101Z	P COIL	100uH J	
LC1402	QQR0521-006Z	NOISE FILTER		
SD1	LP31411-001A	SHIELD CASE(3D.1)		
SD2	LP31412-001A	SHIELD CASE(3D.2)		
W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W4	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W5	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

Osd board

Block No. [1][7]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10243-01C3	OSD BOARD ASSY		
IC201	LC74785N-9762	IC (OSD)		
D201	1SS133-T2	DIODE		
D202	1SS133-T2	DIODE		
D203	1SS133-T2	DIODE		
D204	1SS133-T2	DIODE		
C201	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C202	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C203	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C204	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C208	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C209	QEKJ0JM-337Z	E CAPACITOR	330uF 6.3V M	
C211	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C212	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C213	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C219	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
C220	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
R202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R203	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R208	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R209	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R210	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R211	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R212	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R217	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R218	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
L201	QQL29BK-1R0Z	P COIL	1uH K	
L206	QQL29BJ-220Z	P COIL	22uH J	
B201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B203	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
B205	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
BK1	LP40425-001A	BRACKET(PWB)		
CN201	QGG2502K1-14	CONNECTOR	HEADER PIN (1-14)	
W101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

Operation/jack board

Block No. [2][7]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10271-01B5	OPERATION/JACK BOARD ASSY		
D7204	RD6.8ES/B1/-T2	Z DIODE		
D7204 or	MTZJ6.8A-T2	Z DIODE		
C7206	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
R7202	QRE141J-750Y	C RESISTOR	75Ω 1/4W J	
R7206	NRSA02J-750X	MG RESISTOR	75Ω 1/10W J	
R7207	NRSA02J-750X	MG RESISTOR	75Ω 1/10W J	
CN7201	QGF1208C1-09	CONNECTOR	FFC/FPC (1-9)	
CN7202	QGD2503C1-04	CONNECTOR	(1-4)	
J7201	QNN0592-002	PIN JACK	FRONT VIDEO/AUDIO IN	
J7204	QND0085-001	S JACK	FRONT S-VIDEO IN	
S7216	QSW0381-001Z	TACT SWITCH	VCR_EJECT	
S7217	QSW0381-001Z	TACT SWITCH	OPERATE	
S7218	QSW0381-001Z	TACT SWITCH	TBC	

Switch/display board

Block No. [2][8]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10271-01B4	SWITCH/DISPLAY BOARD ASSY		
IC7001	UPD16315GB-3BS	IC		
IC7001 or	PT6315	IC		
IC7002	GP1UM281XKVF	IR DETECT UNIT		
IC7002 or	PNA4652M00XB	IR DETECT UNIT		

⚠ Symbol No.	Part No.	Part Name	Description	Local
D7001	1SS133-T2	DIODE		
D7001 or	1SS270A-T2	SI DIODE		
D7002	1SS133-T2	DIODE		
D7002 or	1SS270A-T2	SI DIODE		
D7003	1SS133-T2	DIODE		
D7003 or	1SS270A-T2	SI DIODE		
D7004	1SS133-T2	DIODE		
D7004 or	1SS270A-T2	SI DIODE		
D7005	1SS133-T2	DIODE		
D7005 or	1SS270A-T2	SI DIODE		
D7012	1SS133-T2	DIODE		
D7012 or	1SS270A-T2	SI DIODE		
D7013	1SS133-T2	DIODE		
D7013 or	1SS270A-T2	SI DIODE		
D7014	1SS133-T2	DIODE		
D7014 or	1SS270A-T2	SI DIODE		
D7015	1SS133-T2	DIODE		
D7015 or	1SS270A-T2	SI DIODE		
D7021	RD9.1ES/B2/-T2	Z DIODE		
D7021 or	MTZJ9.1B-T2	Z DIODE		
D7041	SLR-343VC-T	LED		DVD REC
D7042	SLR-343MC-T	LED		VCR
D7043	SLR-343VC-T	LED		VCR REC
D7044	SLR-343VC-T	LED		TBC
D7046	SLR-343VC-T	LED		DUBB.
D7047	SLR-343MC-T	LED		DVD
C7001	NCB21EK-104X	C CAPACITOR		0.1uF 25V K
C7002	QCFB1HZ-104Y	C CAPACITOR		0.1uF 50V Z
C7003	QEKJ1HM-106Z	E CAPACITOR		10uF 50V M
C7006	QEKJ0JM-227Z	E CAPACITOR		220uF 6.3V M
C7008	QERF1AM-227Z	E CAPACITOR		220uF 10V M
C7010	NCF31HZ-473X	C CAPACITOR		0.047uF 50V Z
C7011	NCF31HZ-473X	C CAPACITOR		0.047uF 50V Z
R7001	QRE141J-103Y	C RESISTOR		10kΩ 1/4W J
R7002	QRE141J-103Y	C RESISTOR		10kΩ 1/4W J
R7003	QRE141J-823Y	C RESISTOR		82kΩ 1/4W J
R7005	QRE141J-472Y	C RESISTOR		4.7kΩ 1/4W J
R7006	QRE141J-472Y	C RESISTOR		4.7kΩ 1/4W J
R7007	QRE141J-102Y	C RESISTOR		1kΩ 1/4W J
R7009	QRE141J-103Y	C RESISTOR		10kΩ 1/4W J
R7010	NRSA02J-103X	MG RESISTOR		10kΩ 1/10W J
R7013	QRE141J-333Y	C RESISTOR		33kΩ 1/4W J
R7014	QRE141J-333Y	C RESISTOR		33kΩ 1/4W J
R7015	NRSA02J-102X	MG RESISTOR		1kΩ 1/10W J
R7041	QRE141J-331Y	C RESISTOR		330Ω 1/4W J
R7042	QRE141J-331Y	C RESISTOR		330Ω 1/4W J
R7043	QRE141J-331Y	C RESISTOR		330Ω 1/4W J
R7044	QRE141J-331Y	C RESISTOR		330Ω 1/4W J
R7046	QRE141J-331Y	C RESISTOR		330Ω 1/4W J
R7047	QRE141J-331Y	C RESISTOR		330Ω 1/4W J
CN7001	QGF1209F2-11	CONNECTOR		FFC/FPC (1-11)
CN7002	QGF1209C1-04	CONNECTOR		FFC/FPC (1-4)
DI7001	QLF0143-001	FL TUBE		
FW7001	QUM024-07A4BF	PARA RIBON WIRE		
HD1	PQ34949-1-1	FL HOLDER(L)		
HD2	PQ34950-1-1	FDP HOLDER(R)		
OT1	LP30002-0F8A	SPACER		
S7002	QSW0381-001Z	TACT SWITCH		CH+
S7004	QSW0381-001Z	TACT SWITCH		VCR->DVD
S7005	QSW0381-001Z	TACT SWITCH		DUBB.
S7012	QSW0381-001Z	TACT SWITCH		VCR<-DVD
S7013	QSW0381-001Z	TACT SWITCH		FF
S7014	QSW0381-001Z	TACT SWITCH		PAUSE
S7015	QSW0381-001Z	TACT SWITCH		STOP
S7022	QSW0381-001Z	TACT SWITCH		CH-
S7023	QSW0381-001Z	TACT SWITCH		REC MODE
S7024	QSW0381-001Z	TACT SWITCH		VCR/DVD
S7032	QSW0381-001Z	TACT SWITCH		DVD_EJECT
S7033	QSW0381-001Z	TACT SWITCH		REW
S7034	QSW0381-001Z	TACT SWITCH		REC
S7035	QSW0381-001Z	TACT SWITCH		PLAY
W41	NRSA02J-0R0X	MG RESISTOR		0Ω 1/10W J
W42	NRSA02J-0R0X	MG RESISTOR		0Ω 1/10W J

Jack board

Block No. [3][6]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10271-01B3	JACK BOARD ASSY		
B4121	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
B4122	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
B4123	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
B4124	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
CN4104	QGB2027M1-10S	CONNECTOR	B-B (1-10)	
J4112	QNZ0675-001	D CONNECTOR	FRONT DV IN	
K4101	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K4102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K4103	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K4104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
OT1	QZW0021-001	PC SUPPORT		

Loading motor board

Block No. [5][5]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10158-01A2	LOADING MOTOR BOARD ASSY		

Junction board

Block No. [9][2]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10271-01B2	JUNCTION BOARD ASSY		
IC5501	MM1662GH-X	IC		
IC5502	MM1565AF-X	IC		
IC5503	MM1565AF-X	IC		
IC5505	MM1563DF-X	IC		
IC7101	MM1623XF-X	IC		
IC8001	BA15218F-XE	IC		
IC8001 or	RC4558D-X	IC		
IC8002	AK5381VTP-X	IC		
IC8002 or	AK5357VT-X	IC		
IC8201	BA15218F-XE	IC		
IC8201 or	RC4558D-X	IC		
IC8202	AK4381VT-X	IC		
IC8202 or	AK4385VT-X	IC		
Q5501	2SD1819A/QRS/-X	TRANSISTOR		
Q5501 or	2SC4081/QRS/-X	TRANSISTOR		
Q5501 or	2PC4081/R/-X	TRANSISTOR		
Q5502	UN5111-X	DIGI TRANSISTOR		
Q5502 or	DTA114EUA-X	DIGI TRANSISTOR		
Q5502 or	PDTA114EU-X	DIGI TRANSISTOR		
Q5502 or	RN2302-X	DIGI TRANSISTOR		
Q5502 or	RT1P141M-X	DIGI TRANSISTOR		
Q5503	2SD2144S/UV/-T	TRANSISTOR		
Q5503 or	2SC3576-JVC-T	TRANSISTOR		
Q5504	UN5211-X	DIGI TRANSISTOR		
Q5504 or	DTC114EUA-X	DIGI TRANSISTOR		
Q5504 or	PDTC114EU-X	DIGI TRANSISTOR		
Q5504 or	RN1302-X	DIGI TRANSISTOR		
Q5504 or	RT1N141M-X	DIGI TRANSISTOR		
Q5505	UN5111-X	DIGI TRANSISTOR		
Q5505 or	DTA114EUA-X	DIGI TRANSISTOR		
Q5505 or	PDTA114EU-X	DIGI TRANSISTOR		
Q5505 or	RN2302-X	DIGI TRANSISTOR		
Q5505 or	RT1P141M-X	DIGI TRANSISTOR		
Q5506	UN5211-X	DIGI TRANSISTOR		
Q5506 or	DTC114EUA-X	DIGI TRANSISTOR		
Q5506 or	PDTC114EU-X	DIGI TRANSISTOR		
Q5506 or	RN1302-X	DIGI TRANSISTOR		

⚠ Symbol No.	Part No.	Part Name	Description	Local
Q5506	or RT1N141M-X	DIGI TRANSISTOR		
Q7101	2SB1218A/QR/-X	TRANSISTOR		
Q7101	or 2SA1576A/QR/-X	TRANSISTOR		
Q7101	or 2PA1576/R/-X	TRANSISTOR		
Q8001	2SC4081/QRS/-X	TRANSISTOR		
Q8001	or 2PC4081/R/-X	TRANSISTOR		
Q8001	or 2SD1819A/QRS/-X	TRANSISTOR		
Q8002	2SC4081/QRS/-X	TRANSISTOR		
Q8002	or 2PC4081/R/-X	TRANSISTOR		
Q8002	or 2SD1819A/QRS/-X	TRANSISTOR		
Q8003	DTC144WUA-X	DIGI TRANSISTOR		
Q8003	or PDTC144WU-X	DIGI TRANSISTOR		
Q8003	or UN521E-X	DIGI TRANSISTOR		
Q8003	or RN1309-X	DIGI TRANSISTOR		
Q8004	DTC144WUA-X	DIGI TRANSISTOR		
Q8004	or PDTC144WU-X	DIGI TRANSISTOR		
Q8004	or UN521E-X	DIGI TRANSISTOR		
Q8004	or RN1309-X	DIGI TRANSISTOR		
Q8005	DTA144WUA-X	DIGI TRANSISTOR		
Q8005	or PDTA144WU-X	DIGI TRANSISTOR		
Q8005	or UN511E-X	DIGI TRANSISTOR		
Q8005	or RN2309-X	DIGI TRANSISTOR		
D5501	1A3G-T2	SI DIODE		
D5501	or 10EDB20-T2	SI DIODE		
D5501	or ERA15-02-T2	SI DIODE		
D5502	1SS133-T2	DIODE		
D5502	or 1SS270A-T2	SI DIODE		
D5503	MTZJ27C-T2	Z DIODE		
D5503	or RD27ES/B3/-T2	Z DIODE		
C5501	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5502	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C5503	NCB21HK-471X	C CAPACITOR	470pF 50V K	
C5504	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5505	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5506	NCB21HK-471X	C CAPACITOR	470pF 50V K	
C5507	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5508	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5509	NCB21HK-471X	C CAPACITOR	470pF 50V K	
C5513	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5514	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C5515	NCB21HK-471X	C CAPACITOR	470pF 50V K	
C7101	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
C7102	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
C7103	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	
C7104	QEKC1CM-226Z	E CAPACITOR	22uF 16V M	
C7105	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	
C7106	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	
C7107	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	
C7109	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
C7112	QEKC0JM-227Z	E CAPACITOR	220uF 6.3V M	
C7123	NDC21HJ-120X	C CAPACITOR	12pF 50V J	
C7124	NDC21HJ-6R0X	C CAPACITOR	6pF 50V J	
C7141	NDC21HJ-330X	C CAPACITOR	33pF 50V J	
C7142	NDC21HJ-330X	C CAPACITOR	33pF 50V J	
C8001	NDC21HJ-101X	C CAPACITOR	100pF 50V J	
C8003	NDC21HJ-101X	C CAPACITOR	100pF 50V J	
C8005	NDC21HJ-101X	C CAPACITOR	100pF 50V J	
C8007	NDC21HJ-101X	C CAPACITOR	100pF 50V J	
C8009	QEKC1EM-106Z	E CAPACITOR	10uF 25V M	
C8010	QEKC1EM-106Z	E CAPACITOR	10uF 25V M	
C8011	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8012	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C8013	QEKC0JM-107Z	E CAPACITOR	100uF 6.3V M	
C8014	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C8015	QEKC0JM-107Z	E CAPACITOR	100uF 6.3V M	
C8016	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C8051	QEKC0JM-337Z	E CAPACITOR	330uF 6.3V M	
C8052	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C8053	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C8054	QEKC0JM-337Z	E CAPACITOR	330uF 6.3V M	
C8055	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C8056	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C8057	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C8201	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C8202	NCB21HK-471X	C CAPACITOR	470pF 50V K	
C8203	NCB21HK-471X	C CAPACITOR	470pF 50V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C8204	NCB21HK-472X	C CAPACITOR	4700pF 50V K	
C8205	NCB21HK-471X	C CAPACITOR	470pF 50V K	
C8206	NCB21HK-472X	C CAPACITOR	4700pF 50V K	
C8207	NCB21HK-471X	C CAPACITOR	470pF 50V K	
C8208	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C8209	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C8210	QEKC0JM-337Z	E CAPACITOR	330uF 6.3V M	
C8211	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C8231	QEKC0JM-107Z	E CAPACITOR	100uF 6.3V M	
C8232	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
R5501	QRE121J-821Y	C RESISTOR	820Ω 1/2W J	
R5502	QRE121J-681Y	C RESISTOR	680Ω 1/2W J	
R5503	NRSA02J-562X	MG RESISTOR	5.6kΩ 1/10W J	
R5504	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W J	
R5505	NRSA02J-222X	MG RESISTOR	2.2kΩ 1/10W J	
R7101	NRSA02J-122X	MG RESISTOR	1.2kΩ 1/10W J	
R7102	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W J	
R7145	NRSA02J-200X	MG RESISTOR	20Ω 1/10W J	
R7146	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R7147	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R7148	NRSA02J-200X	MG RESISTOR	20Ω 1/10W J	
R7149	NRSA02J-200X	MG RESISTOR	20Ω 1/10W J	
R7150	NRSA02J-200X	MG RESISTOR	20Ω 1/10W J	
R7151	NRSA02J-200X	MG RESISTOR	20Ω 1/10W J	
R8001	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R8002	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R8003	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R8004	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R8005	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R8006	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R8007	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R8008	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R8009	NRSA02J-152X	MG RESISTOR	1.5kΩ 1/10W J	
R8010	NRSA02J-152X	MG RESISTOR	1.5kΩ 1/10W J	
R8011	NRSA02J-152X	MG RESISTOR	1.5kΩ 1/10W J	
R8012	NRSA02J-152X	MG RESISTOR	1.5kΩ 1/10W J	
R8013	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	
R8014	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	
R8015	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	
R8016	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	
R8017	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R8018	NRSA02J-123X	MG RESISTOR	12kΩ 1/10W J	
R8019	NRSA02J-223X	MG RESISTOR	22kΩ 1/10W J	
R8051	NRSA02J-221X	MG RESISTOR	220Ω 1/10W J	
R8052	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R8201	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R8202	NRSA02J-273X	MG RESISTOR	27kΩ 1/10W J	
R8203	NRSA02J-512X	MG RESISTOR	5.1kΩ 1/10W J	
R8204	NRSA02J-121X	MG RESISTOR	120Ω 1/10W J	
R8205	NRSA02J-121X	MG RESISTOR	120Ω 1/10W J	
R8206	NRSA02J-512X	MG RESISTOR	5.1kΩ 1/10W J	
R8207	NRSA02J-512X	MG RESISTOR	5.1kΩ 1/10W J	
R8208	NRSA02J-121X	MG RESISTOR	120Ω 1/10W J	
R8209	NRSA02J-121X	MG RESISTOR	120Ω 1/10W J	
R8210	NRSA02J-512X	MG RESISTOR	5.1kΩ 1/10W J	
R8211	NRSA02J-273X	MG RESISTOR	27kΩ 1/10W J	
R8212	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R8213	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	
R8214	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	
R8215	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	
R8216	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	
R8217	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R8219	NRSA02J-432X	MG RESISTOR	4.3kΩ 1/10W J	
R8220	NRSA02J-432X	MG RESISTOR	4.3kΩ 1/10W J	
R8221	NRSA02J-432X	MG RESISTOR	4.3kΩ 1/10W J	
R8222	NRSA02J-432X	MG RESISTOR	4.3kΩ 1/10W J	
R8231	NRSA02J-222X	MG RESISTOR	2.2kΩ 1/10W J	
R8232	NRSA02J-222X	MG RESISTOR	2.2kΩ 1/10W J	
R8233	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W J	
L7101	QQL29BJ-100Z	P COIL	10uH J	
L7102	QQL071J-6R8Y	COIL	6.8uH J	
L8001	QQL29BJ-220Z	P COIL	22uH J	
L8002	QQL29BJ-220Z	P COIL	22uH J	
B7101	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
B7107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
B7112	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
B7113	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
B7115	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
B7118	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
CN5501	QGB1231M1-15	CONNECTOR	B-B (1-15)	
CN7102	QGB1231M1-15	CONNECTOR	B-B (1-15)	
CN7103	QGF1207C1-04	CONNECTOR	FFC/FPC (1-4)	
CN7105	QGF1207C1-04	CONNECTOR	FFC/FPC (1-4)	
CN7106	QGF1016C3-04	CONNECTOR	FFC/FPC (1-4)	
CN7107	QGF1207C1-13	CONNECTOR	FFC/FPC (1-13)	
CN7108	QGB2027M6-28S	CONNECTOR	B-B (1-28)	
CN7109	QGB2027M6-28S	CONNECTOR	B-B (1-28)	
CN7123	QGF1207C1-04	CONNECTOR	FFC/FPC (1-4)	
CN7124	QGF1207C1-04	CONNECTOR	FFC/FPC (1-4)	
CN8001	QGB1231M1-11	CONNECTOR	B-B (1-11)	
K7101	NQR0129-002X	FERRITE BEADS		
K8001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K8002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K8201	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K8202	NRSA02J-4R7X	MG RESISTOR	4.7Ω 1/10W J	
ST2	QZW0007-001	POST PIN		
W1	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W2	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W5	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W6	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W7	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W8	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W9	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W10	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W11	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W12	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W13	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W14	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
W15	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

Jack board

Block No. [9][4]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10243-01C2	JACK BOARD ASSY		
IC8501	74VHCT08ASJ-X	IC		
IC8501 or	SN74AHCT08NS-X	IC		
C8401	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C8402	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8501	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C8502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8503	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8504	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C8506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R8501	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R8502	NRSA63J-301X	MG RESISTOR	300Ω 1/16W J	
R8503	NRSA63J-301X	MG RESISTOR	300Ω 1/16W J	
R8504	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R8505	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R8506	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
L8501	QQL071J-1R0Y	COIL	1uH J	
CN8501	QGD2503C1-03	CONNECTOR	(1-3)	
J8401	GP1FA313TZ	OPT TRANSMITTER	OPTICAL	
J8501	QNN0096-001	PIN JACK	COAXIAL	
K8401	NQR0227-004X	FERRITE BEADS		
K8501	NQR0227-004X	FERRITE BEADS		

BNC board

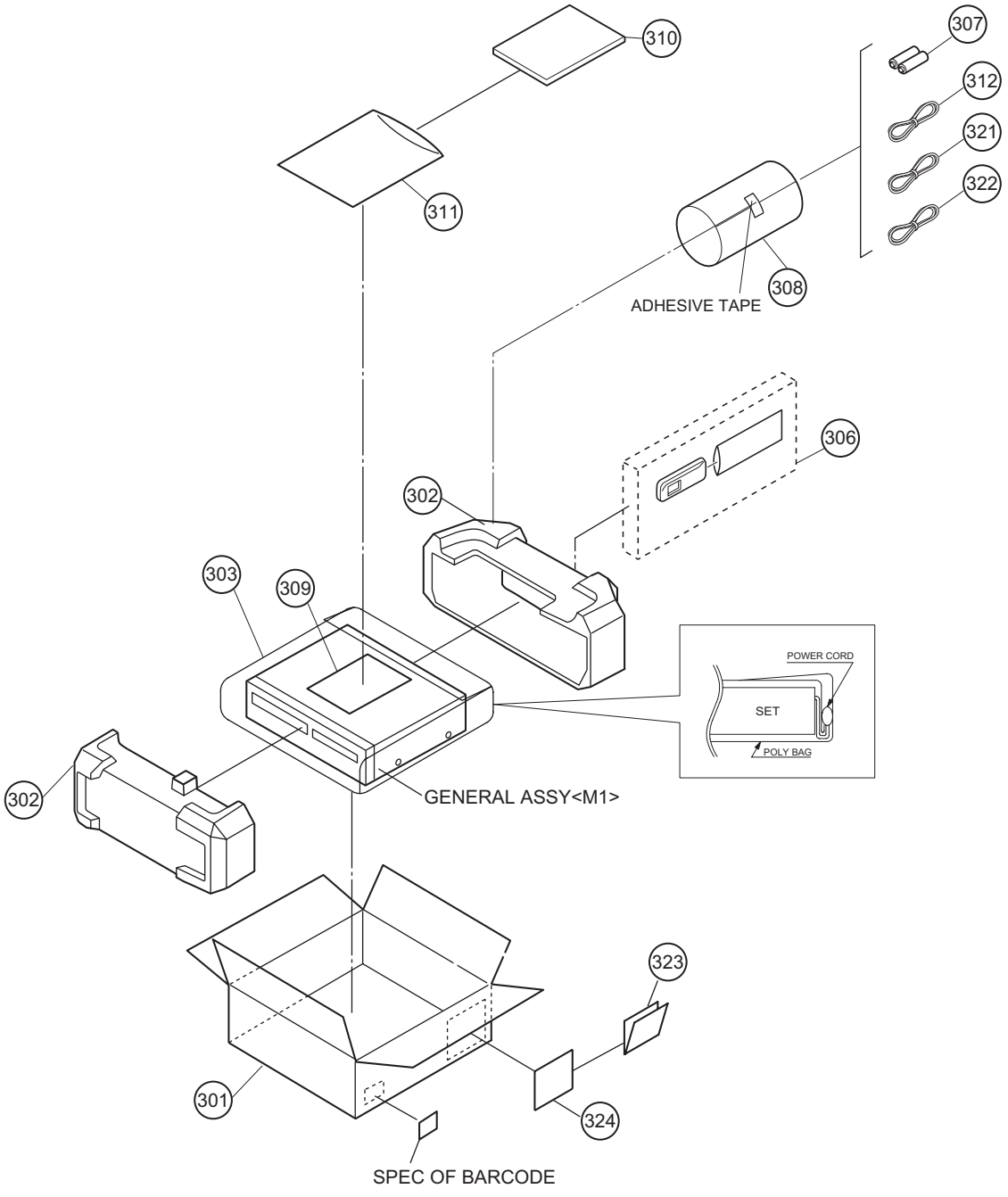
Block No. [9][7]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10271-01C6	BNC BOARD ASSY		
IC7401	MAX3221CDB-X	IC		
IC7401 or	ICL3221CA-X	IC		
C7401	NCB21CK-104X	C CAPACITOR	0.1uF 16V K	
C7402	NCB21CK-104X	C CAPACITOR	0.1uF 16V K	
C7403	NCB21CK-104X	C CAPACITOR	0.1uF 16V K	
C7404	NCB21CK-104X	C CAPACITOR	0.1uF 16V K	
C7405	NCB21CK-104X	C CAPACITOR	0.1uF 16V K	
R7801	NRSA02J-820X	MG RESISTOR	82Ω 1/10W J	
CN7401	QGF1207C1-04	CONNECTOR	FFC/FPC (1-4)	
CN7507	QGD2503C1-02	CONNECTOR	(1-2)	
J7401	QNZ0587-001	D CONNECTOR	SERIAL COM.	
J7507	QNZ0093-001	BNC CONNECTOR	S-VIDEO/VIDEO/AUDIO OUTPUT	

Packing materials and accessories parts list

The instruction manual to be provided with this product will differ according to the destination.

Block No. M3MM



Packing and accessories

Block No. [M][3][M][M]

⚠ Symbol No.	Part No.	Part Name	Description	Local
301	LP31469-004A	PACKING CASE		
302	LP31454-002A	CUSHION ASSY		
303	PQM30021-105	POLY BAG		
306	RM-SDR013J	REMOCON		
307	----------	BATTERY		R6 TYPE(x2)
308	QPC02202230P	POLY BAG		22cm x 22cm
309	LPT1012-001A	SHEET(LOADING)		
⚠ 310	LPT1003-001B	INST.BOOK		(ENGLISH)
⚠ 310	LPT1003-002B	INST.BOOK		(FRENCH)
311	QPC02503530P	POLY BAG		25cm x 35cm
312	QAM0501-003	RF CABLE		
321	QAM0516-002	S CABLE		
322	QAM0499-001	AUDIO CABLE		
323	----------	WARRANTY CARD		BT-51010-3
324	LP31500-001A	POLY BAG		